



# **National Provider Identifier (NPI) System Electronic Interchange File (EFI) User Manual**

Centers for Medicare and Medicaid Services (CMS)

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# 1 Introduction

## 1.1 NPPES Overview

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The Administrative Simplification provisions of the Health Insurance Portability and Accountability Act of 1996 (HIPAA) mandated the adoption of standard unique identifiers for providers of health care services, as well as the adoption of standard unique identifiers for health plans. The Centers for Medicare & Medicaid Services (CMS) developed the National Plan and Provider Enumeration System (NPPES) to assign these unique identifiers. The primary purpose for the development of NPPES is to standardize and simplify the process of enumerating providers as well as to meet the needs of all constituents.

## 1.2 NPI Overview

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The Centers for Medicare and Medicaid Services (CMS) developed the National Provider Identification System (NPI System) to uniquely identify providers and assign each a National Provider Identifier (NPI). The primary responsibility of the NPI System is the enumeration of health care providers. Additionally, the NPI System will disseminate information in accordance with the System of Records Notice.

The NPI System is designed to:

- Accept applications for an NPI, validate SSNs, check for duplicate provider data, and maintain data on each provider.
- Allow the NPI Enumerator to enter NPI applications.
- Allow providers to update their records.
- Validate and cleanse application data.
- Uniquely identify providers and assign each a National Provider Identifier (NPI).
- Function as a central database for reporting.
- Disseminate information in accordance with the System of Records Notice.

## 1.3 EFI Overview

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The Electronic File Interchange (EFI) provides communication between the NPI System and organizations, (e.g., health plans, professional associations and other groups) acting on behalf of healthcare providers. These organizations typically maintain significant amounts of information about their providers. The EFI process will enable electronic submission of enumeration applications and change requests for large numbers of providers with minimal manual intervention. Through EFI, the NPI System will provide participating parties with relevant, up-to-date information. The EFI functionality includes:

- Organization certification and account management
- File upload, validation, and confirmation
- Pre-processing and submission to the NPI System
- Results file generation and notification
- Results file download by the submitting organization

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## 1.4 Document Purpose and Intended Audience

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The purpose of the EFI User Manual is to provide the authorized Electronic File Interchange Organizational Representative (EOR) with detailed descriptions of the EFI functionality. The User Manual includes screen shots and descriptions of field and navigation controls.

The EFI User Manual is intended for an audience authorized to act on the behalf of its organization. The User Manual assists the EORs in performing their day-to-day activities with the EFI process.

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## 1.5 Document Organization

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This document is organized into the following sections:

Chapter 1, Introduction

Chapter 2, NPI System Functions and Navigational Controls

Chapter 3, EOR Access

Chapter 4, Create New EFI Organization Account

Chapter 5, Create Additional EFI Representatives Accounts

Chapter 6, Existing EOR Functions

Chapter 7, Notifications

Chapter 8, EFI File Requirements

Chapter 9, XML Supporting Documentation

Chapter 10, Operation Indicator Codes

Chapter 11, National Provider Identifier (NPI) Application/Update Form

## 2 NPI System Functions and Navigational Controls

### 2.1 EFI Organization Representative (EOR) User

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The EOR is a representative for an organization who provides files that contain the required NPI data needed for electronic submission and enumeration of at least one record. The EORs can upload and download files and change or reset their password.

As mentioned in the Document Purpose, this User Manual concentrates only on the EOR functions.

### 2.2 EOR System Functions

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The EOR portion of the NPI System is comprised of the following functions, accessed through the NPI Home page. Each function is described throughout the remaining document.

- Setup of EFI Organization and EFI Organization Representative
- Setup of additional EFI Organization Representatives
- Browse and select EFI file(s) to upload
- Download EFI File(s)
- Change password for EOR
- Reset password for EOR

### 2.3 Major Functionalities of a NPI Page

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The NPI Navigational Controls initiate a page specific event. For example, Help is a navigational control. Clicking on Help will navigate to the Help Page for the current application page. Chapters 3, 4, 5, and 6 list and describe each navigational control on the EFI application pages this manual discusses.

### 2.4 Page Controls

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Page Controls assist the user to select features or select various options within the NPI System. The most common page controls are listed below:

Control	Description
Button	Allows the user to invoke a command of the system with one mouse click.
Check Box	Allows the user the option to either select or not select an item.
Drop Down Box	Allows the user to select one option from a list of options.
Text Box	Allows the user to enter free form data.

## 2.5 Other Information

In addition to the application functions described above, there are also several ancillary functions that provide security, or assist the user in accomplishing workflow tasks. Data formats are also specified below.

### 2.5.1 Session Timeout

For security purposes, the application allows the EOR to remain connected to the system for a fifteen minute period of inactivity. After that point, the user is forced to login again. This helps prevent unauthorized persons from accessing the NPI System. Any data not stored in the database before the timeout is lost. The user should note that this timeout occurs only after fifteen consecutive minutes of inactivity. Users actively working on the system are not affected, even if their session length exceeds the timeout period.

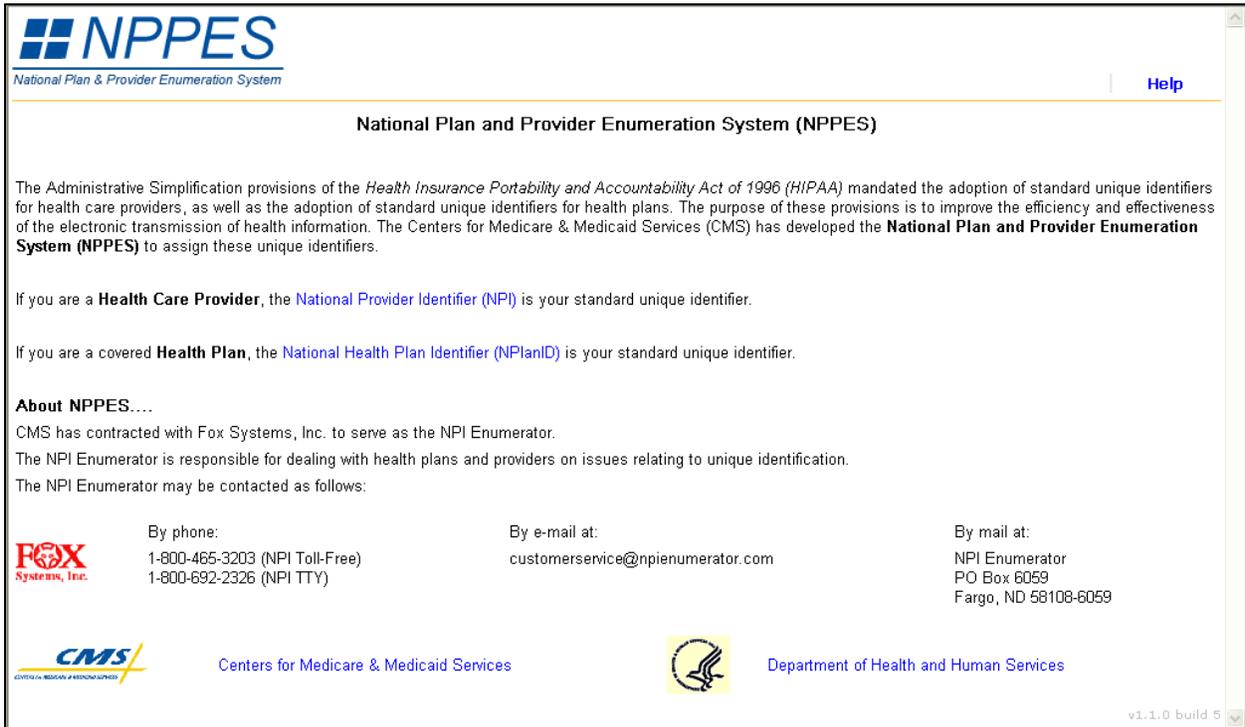
### 2.5.2 Data Formats

Edits are used throughout the system to ensure that data is entered in the correct format. Specific formats for dates, phone numbers, and zip codes are required. These formats are listed below:

- Dates must be entered as MM/DD/YYYY. Four digit years will be required for Y2K compliance.
- Domestic Phone/Fax Numbers must be entered as (i.e. 9735551212).
- Zip codes must be entered as either 5 or 9 digits (i.e. 08852 or 08852 1234).

### 2.5.3 Accessing NPPES and the NPI System

Access to the EFI functions is done through the National Plan and Provider Enumeration System (NPPES) Home Page. The NPPES Home Page System is shown below. The url for this page is: <https://nppes.cms.hhs.gov>.



The screenshot shows the NPPES website interface. At the top left is the NPPES logo with the tagline "National Plan & Provider Enumeration System". A "Help" link is visible in the top right. The main heading is "National Plan and Provider Enumeration System (NPPES)". Below this, a paragraph explains that the Administrative Simplification provisions of the Health Insurance Portability and Accountability Act of 1996 (HIPAA) mandated the adoption of standard unique identifiers for health care providers and health plans. It states that CMS has developed the NPPES to assign these identifiers. Two paragraphs follow: one for Health Care Providers (NPI) and one for covered Health Plans (NPIanID). A section titled "About NPPES...." states that CMS has contracted with Fox Systems, Inc. as the NPI Enumerator, responsible for dealing with health plans and providers on issues relating to unique identification. It lists contact information for the NPI Enumerator: by phone (1-800-465-3203 and 1-800-692-2326), by e-mail (customerservice@npienumerator.com), and by mail (NPI Enumerator, PO Box 6059, Fargo, ND 58108-6059). At the bottom, there are logos for CMS (Centers for Medicare & Medicaid Services) and the Department of Health and Human Services. A version number "v1.1.0 build 5" is in the bottom right corner.

The National Provider Identifier (NPI) link takes the user to the NPI System Home Page shown below. The **EFI Only** link at the bottom of this page takes the user to the Electronic File Interchange (EFI) Home Page and the beginning of the EFI functions.



National Plan & Provider Enumeration System

[Home](#)

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### National Provider Identifier

For Health Care Providers

The Administrative Simplification provisions of the *Health Insurance Portability and Accountability Act of 1996 (HIPAA)* mandated the adoption of a standard unique identifier for health care providers. The National Plan and Provider Enumeration System (NPPES) collects identifying information on health care providers and assigns each a unique **National Provider Identifier (NPI)**.

**Need an NPI?** -----> [Apply Online for an NPI](#)  
*Estimated time to complete the NPI application form is 20 minutes.*  
[Click here](#) to see tips to expedite your NPI application before you begin your application.

**Want to View or Update your NPI data?** -----> [Login](#)

**Want to Create a User Id for an existing NPI?** -----> [Create Login to View or Update your NPI Data](#)

**Additional Resources:**

- [NPI Application / Update Form](#) -  [PDF File]
- [Application Help](#)
- [Privacy Information](#)
- [Frequently Asked Questions](#)
- [NPI Final Rule](#)
- [Contact Information](#)
- [HIPAA Administrative Simplification Information](#)

*Note: To view PDF files, you must have Adobe Acrobat Reader. If you do not already have Acrobat Reader installed, please [Download Acrobat Reader](#) now.*



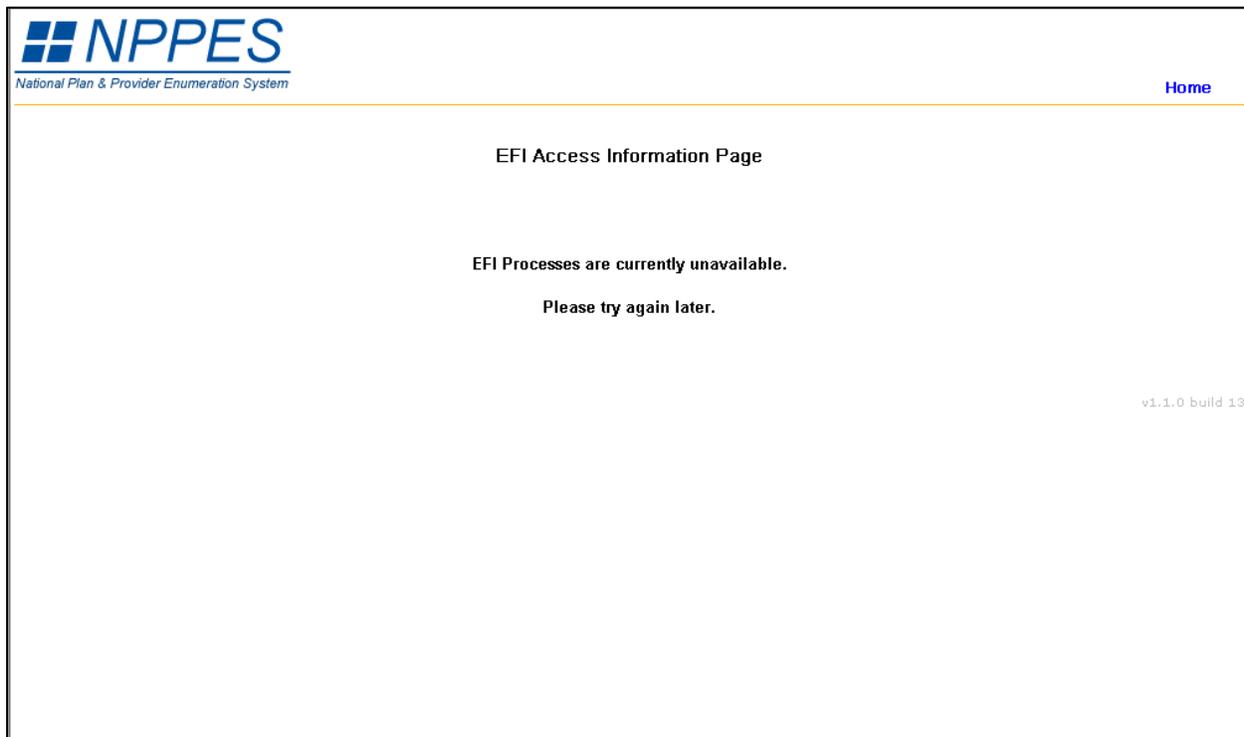
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[Health and Human Services Home Page](#) | [Centers for Medicare and Medicaid Services \(CMS\) Home Page](#) | [NPI Enumerator Only](#) | [EFI Only](#)

## 3 EOR Access

The EFI Access Information Page displays when CMS turns off access to the EFI functions. This page displays when an EOR accesses the EFI Only link which is located on the NPI Home Page. The page also displays if the EOR has a desktop shortcut to the EFI Home Page or the associated links: EFI Organization Registration, Create a New EFI Representative, or the EFI Login.

When the staff user disables the EFI on-line functions, the EFI Organization Representatives (EORs) currently performing any EFI functions are not affected. However, once the EOR has completed their actions and exited the system, the EOR cannot reenter into the EFI on-line functions until access is enabled.



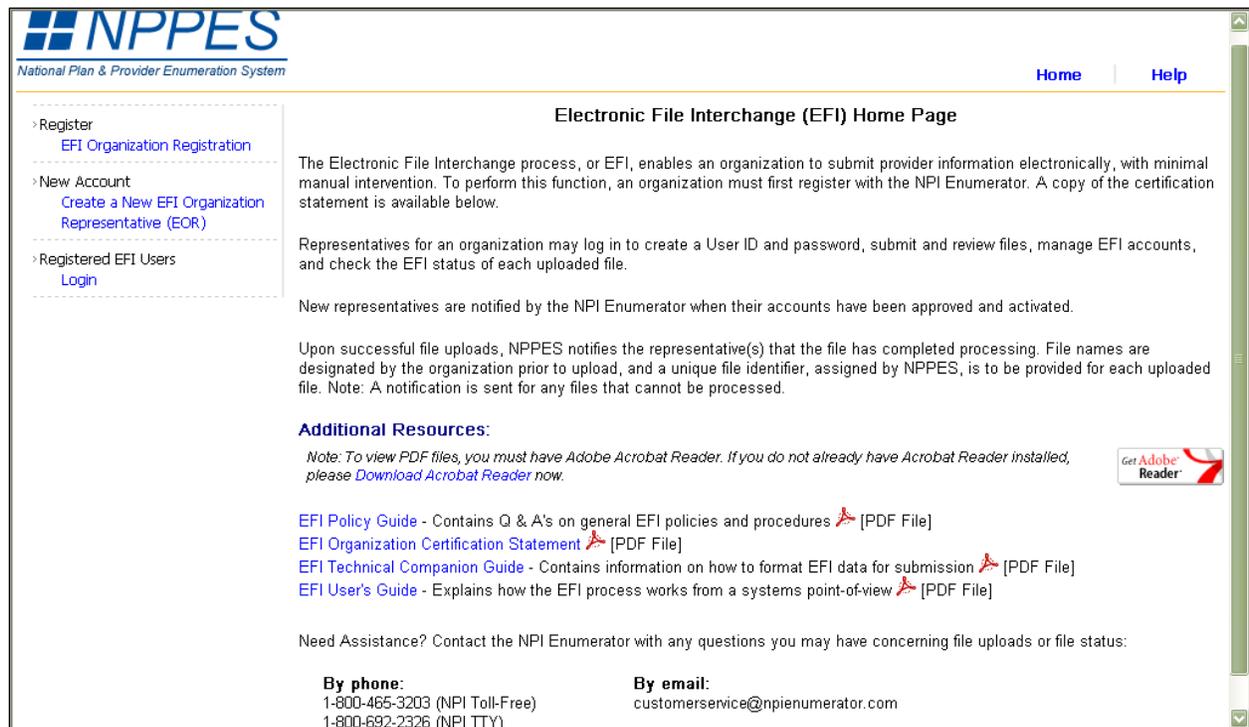
The user has the following navigational controls which are specific to the EFI Access Information Page:

- Home – Navigates to NPPES Home Page.



## 4 Create New EFI Organization Account

To begin the process to create an EFI Organization account the user accesses the NPPES Home Page and clicks the National Provider Identifier (NPI) link which navigates to the NPI System Home Page. The Electronic File Interchange function is accessed from the NPI System Home Page. The user selects the EFI Only link to navigate to the EFI Home Page. From this page the EOR can enroll a new EFI Organization, create additional new EOR accounts, or login as an existing EOR.



**NPPES**  
National Plan & Provider Enumeration System

Home | Help

### Electronic File Interchange (EFI) Home Page

The Electronic File Interchange process, or EFI, enables an organization to submit provider information electronically, with minimal manual intervention. To perform this function, an organization must first register with the NPI Enumerator. A copy of the certification statement is available below.

Representatives for an organization may log in to create a User ID and password, submit and review files, manage EFI accounts, and check the EFI status of each uploaded file.

New representatives are notified by the NPI Enumerator when their accounts have been approved and activated.

Upon successful file uploads, NPPES notifies the representative(s) that the file has completed processing. File names are designated by the organization prior to upload, and a unique file identifier, assigned by NPPES, is to be provided for each uploaded file. Note: A notification is sent for any files that cannot be processed.

**Additional Resources:**

*Note: To view PDF files, you must have Adobe Acrobat Reader. If you do not already have Acrobat Reader installed, please [Download Acrobat Reader now](#).*

[EFI Policy Guide](#) - Contains Q & A's on general EFI policies and procedures [PDF File]  
[EFI Organization Certification Statement](#) [PDF File]  
[EFI Technical Companion Guide](#) - Contains information on how to format EFI data for submission [PDF File]  
[EFI User's Guide](#) - Explains how the EFI process works from a systems point-of-view [PDF File]

Need Assistance? Contact the NPI Enumerator with any questions you may have concerning file uploads or file status:

**By phone:**  
1-800-465-3203 (NPI Toll-Free)  
1-800-692-2326 (NPI TTY)

**By email:**  
[customerservice@npienumerator.com](mailto:customerservice@npienumerator.com)



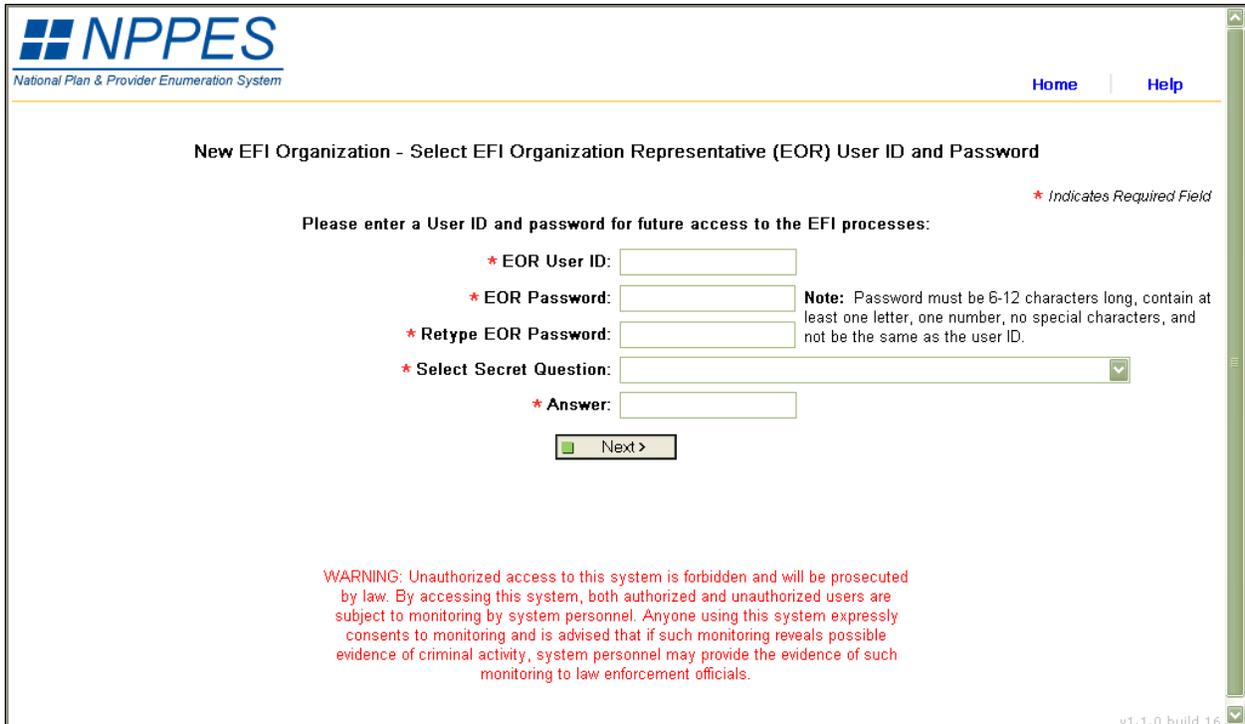
The user has the following navigational controls which are specific to the EFI Home Page:

- Home – Navigates to NPPES Home Page.
- Help – Navigates to Help for the EFI Home Page.

Section 4.1 – Section 4.4 describes the normal path a user follows to establish a new EFI Organization account. Included in the sections are the page specific navigational controls and the description and requirement level of each field, if any.

## 4.1 EFI New Organization – Select User ID and Password Page

To enroll a new EFI Organization the user selects EFI Organization Registration from the EFI Home Page to navigate to the EFI New Organization - Select User ID and Password Page. NPPES ensures that the User ID chosen is unique within the NPI System. Guidelines for User ID and password selection are included on the EFI New Organization - Select User ID and Password Page.



**NPPES**  
National Plan & Provider Enumeration System

Home | Help

### New EFI Organization - Select EFI Organization Representative (EOR) User ID and Password

\* Indicates Required Field

Please enter a User ID and password for future access to the EFI processes:

\* EOR User ID:

\* EOR Password:  **Note:** Password must be 6-12 characters long, contain at least one letter, one number, no special characters, and not be the same as the user ID.

\* Retype EOR Password:

\* Select Secret Question:

\* Answer:

WARNING: Unauthorized access to this system is forbidden and will be prosecuted by law. By accessing this system, both authorized and unauthorized users are subject to monitoring by system personnel. Anyone using this system expressly consents to monitoring and is advised that if such monitoring reveals possible evidence of criminal activity, system personnel may provide the evidence of such monitoring to law enforcement officials.

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The user has the following navigational controls which are specific to the EFI New Organization – Select User ID and Password Page:

- Home – Navigates to NPPES Home Page.
- Help – Navigates to Help for the EFI New Organization – Select User ID and Password Page.
- Next – Runs field edits. If errors exist the appropriate error message displays. If no field errors exist, navigates to the EFI New Organization Page.

### 4.1.1 Field Descriptions

Field Name	Description	Requirement Level: Required, Situational, or Optional
EOR User ID	The User ID that is associated with the EOR. The selected User ID must be unique within the NPI System.	Required
EOR Password	The password associated with the User ID. This password is required for access to EFI processes.	Required
Re-type EOR Password	The confirmation of the password associated with the User ID. This field is used to ensure that the user does not mistype the selected password.	Required
Secret Question	The question for users to answer that will provide their password in the event that it is forgotten.	Required
Answer	The response to the secret question.	Required

## 4.2 New EFI Organization Page

After the user selects a unique User ID and Password and there are no errors, the user selects Next to navigate to the New EFI Organization Page. The page collects information that is used to identify the EFI Organization such as name, Taxpayer Identification Number, and address. The New EFI Organization Page also collects information regarding the organization's authorized official and registers the initial EOR.



National Plan & Provider Enumeration System

[Logoff](#) | [Help](#)

### New EFI Organization

**EFI Organization Information**

\* **Organization Name:** *(Legal Business Name)*  \* **Taxpayer Identification Number (TIN):** *(Without Dashes)*

\* **Address Line 1:** *(Street Number and Name)*

**Address Line 2:** *(Suite Number)*

\* **City:**  \* **State:**  \* **Zip + 4:**  -  \* **Country:**  United States

**Authorized Official for the EFI Organization**

**Prefix:**  \* **First:**  **Middle:**  \* **Last:**  **Suffix:**

**Credential(s):** *(M.D., D.O., etc.)*  \* **Title/Position:**

\* **Phone Number:** *(Without Dashes)*  **Extension:**  **Fax Number:**

**EOR Information**

**Prefix:**  \* **First:**  **Middle:**  \* **Last:**  **Suffix:**

\* **Title/Position:**

\* **Phone Number:** *(Without Dashes)*  **Extension:**

\* **Email:**  \* **Retype Email:**

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The user has the following navigational controls which are specific to the EFI New Organization Page:

- Logoff – Launches the Logoff Confirmation Page.
- Help – Navigates to Help for the EFI New Organization Page.
- Submit – Runs field edits. If errors exist the appropriate error message displays. If no errors exist, saves data and launches the EFI Organization Mailing Address Standardization Page.

### 4.2.1 Field Descriptions

Field Name	Description	Requirement Level: Required, Situational, or Optional
Organization Name	The legal business name of the organization.	Required
Taxpayer Identification Number (TIN)	The organization's Taxpayer Identification Number (TIN), assigned by the IRS.	Required
Address Line 1	The first line of the organization's mailing address.	Required
Address Line 2	The second line of the organization's mailing address.	Optional
City	The city name for the organization's mailing address.	Required
State	The state code for the organization's mailing address.	Required
Zip + 4	The ZIP code for the organization's mailing address	Required
Country	The country for the organization's mailing address.	Required
Authorized Official Prefix	The name prefix or salutation of the authorized official for the organization, e.g., Mr., Mrs., etc.	Optional
Authorized Official First Name	The first name of the authorized official for the organization.	Required
Authorized Official Middle Name	The middle name of the authorized official for the organization.	Optional
Authorized Official Last Name	The last name of the authorized official for the organization.	Required
Authorized Official Suffix	The name suffix of the authorized official for the organization.	Optional
Authorized Official Credential(s)	The abbreviations for degrees or credentials used or held by the authorized official of the organization.	Optional
Authorized Official Title	The title or position within the organization that the authorized official holds. Examples are President, CEO, CFO, Chairman, etc.	Required
Authorized Official Phone Number	The phone number for the authorized official of the organization.	Required
Authorized Official Phone Number Extension	The phone extension for the authorized official of the organization.	Optional
Authorized Official Fax Number	The fax number for the authorized official of the organization.	Optional
Representative Prefix	The name prefix or salutation of the EOR; (e.g., Mr., Mrs., etc.)	Optional
Representative First Name	The first name of the EOR.	Required

<b>Field Name</b>	<b>Description</b>	<b>Requirement Level: Required, Situational, or Optional</b>
Representative Middle Name	The middle name of the EOR.	Optional
Representative Last Name	The legal last name of the EOR.	Required
Representative Suffix	The name suffix of the EOR. The name suffix is a "generation-related" suffix (e.g., Jr., Sr., II, III, IV and V).	Optional
Representative Title	The title or position within the organization that the EOR holds.	Required
Representative Phone Number	The phone number for the EOR of the organization.	Required
Representative Extension	The phone extension for the EOR of the organization.	Optional
Representative Email	The e-mail address of the EOR.	Required
Retype Email	Retype the e-mail address of the EOR	Required

### 4.3 EFI Organization Mailing Address Standardization Page

After the user selects Submit, the EFI Organization Mailing Address Standardization Page displays. For domestic mailing addresses, the user is instructed to accept standardization results, or retype and revalidate the input address. If the user accepts the standardization results, the input data is replaced with the standardized results. If the user chooses to use the input address and reject the standardized results, the input address will be used.



National Plan & Provider Enumeration System

[Logoff](#) | [Help](#)

### EFI Organization Mailing Address Standardization

**In order to ensure the optimum performance of the National Provider System, we standardize all addresses; for example, we change "Avenue" to "Ave." This makes it easier to find your information again in the future and to ensure that we do not have duplicate entries where they should not occur.**

**Your standardized address is:**

3100 Lord Baltimore Dr  
 Baltimore MD 212442879

**Please do one of the following:**

- 1) Accept the standardized address (Recommended).
- 2) Reject the standardized address and keep your input as is.
- 3) Modify your input in the boxes below and submit for revalidation.

\* Indicates Required Field

\* **Address Line 1:** (Street Number and Name)

**Address Line 2:** (e.g. Suite Number)

\* **City, State, Zip:**    -

Accept Standardized Address

Use Input Address

Revalidate Address

v1.1.0 build 16

The user has the following navigational controls which are specific to the EFI Organization Mailing Address Standardization Page:

- Accept Standardized Address – Navigates to the EFI New Organization Processing Page.
- Use Input Address – Navigates to the EFI New Organization Processing Page.
- Revalidate Address – Resubmits the address to Group 1 and re-launches the EFI Organization Mailing Address Standardization Page.

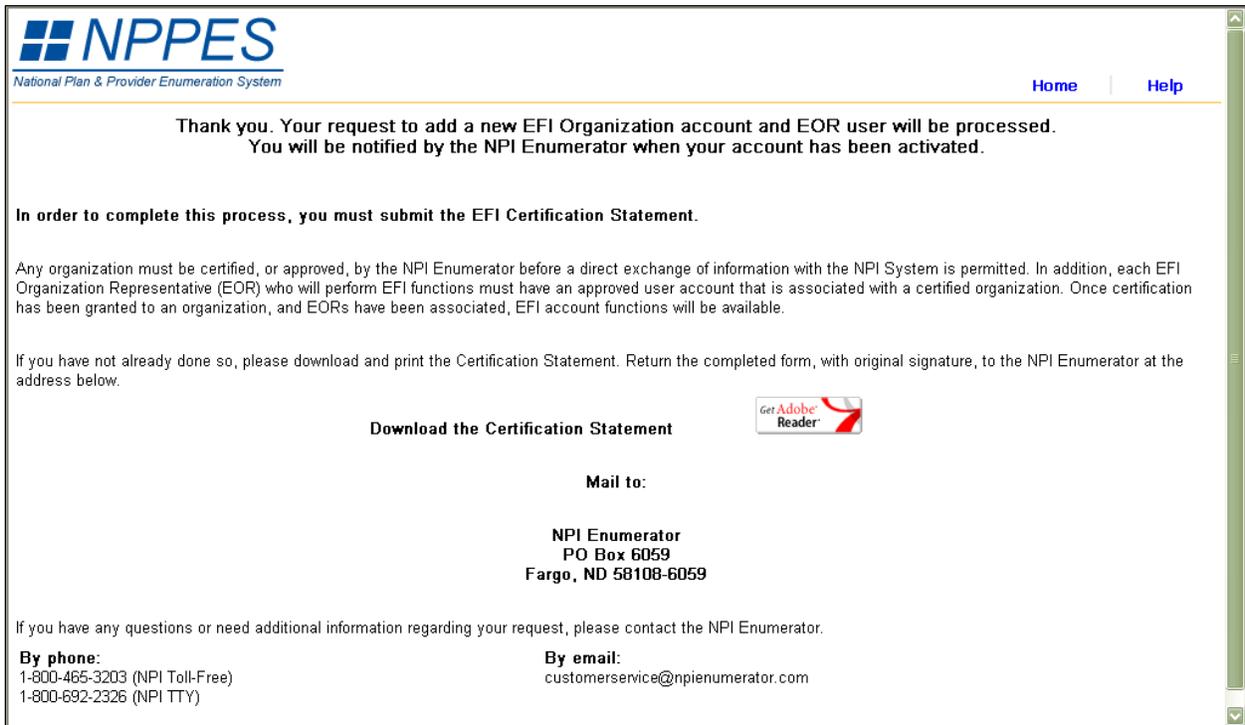
#### 4.3.1 Field Descriptions

Field Name	Description	Requirement Level: Required, Situational, or Optional
Address Line 1	The first line of the organization's mailing address.	Required
Address Line 2	The second line of the organization's mailing address.	Optional
City	The city name for the organization's mailing address.	Required

Field Name	Description	Requirement Level: Required, Situational, or Optional
State	The state code for the organization's mailing address.	Required
Zip	The ZIP code for the organization's mailing address	Required

## 4.4 EFI New Organization Processing Page

After the user selects “Accept Standardized Address” or “Use Input Address” the system navigates to the EFI New Organization Processing Page. This page allows the user to complete the registration for a new EFI Organization. In addition, this page provides a link to the Certification Statement, which must be printed and returned to the NPI Enumerator in order to complete the certification portion of the registration process. A link to the Adobe Acrobat site is also included if users need to download Acrobat Reader.



The screenshot shows the NPPES website interface. At the top left is the NPPES logo with the tagline "National Plan & Provider Enumeration System". At the top right are links for "Home" and "Help". The main content area contains the following text:

**Thank you. Your request to add a new EFI Organization account and EOR user will be processed. You will be notified by the NPI Enumerator when your account has been activated.**

**In order to complete this process, you must submit the EFI Certification Statement.**

Any organization must be certified, or approved, by the NPI Enumerator before a direct exchange of information with the NPI System is permitted. In addition, each EFI Organization Representative (EOR) who will perform EFI functions must have an approved user account that is associated with a certified organization. Once certification has been granted to an organization, and EORs have been associated, EFI account functions will be available.

If you have not already done so, please download and print the Certification Statement. Return the completed form, with original signature, to the NPI Enumerator at the address below.

**Download the Certification Statement** 

**Mail to:**

**NPI Enumerator  
PO Box 6059  
Fargo, ND 58108-6059**

If you have any questions or need additional information regarding your request, please contact the NPI Enumerator.

**By phone:**  
1-800-465-3203 (NPI Toll-Free)  
1-800-692-2326 (NPI TTY)

**By email:**  
customerservice@npienumerator.com

The user has the following navigational controls which are specific to the EFI New Organization Processing Page:

- Home – Navigates to the NPPES Home Page.
- Help – Navigates to Help for the EFI New Organization Processing Page.

- Download the Certification Statement – Launches a .pdf version of the Certification Statement, which can then be printed by the user.
- Get Adobe Reader – Launches the ‘You are now leaving the NPPES site’ Page. Redirects user to the Adobe Acrobat Reader site: <http://www.adobe.com/products/acrobat/readstep2.html>



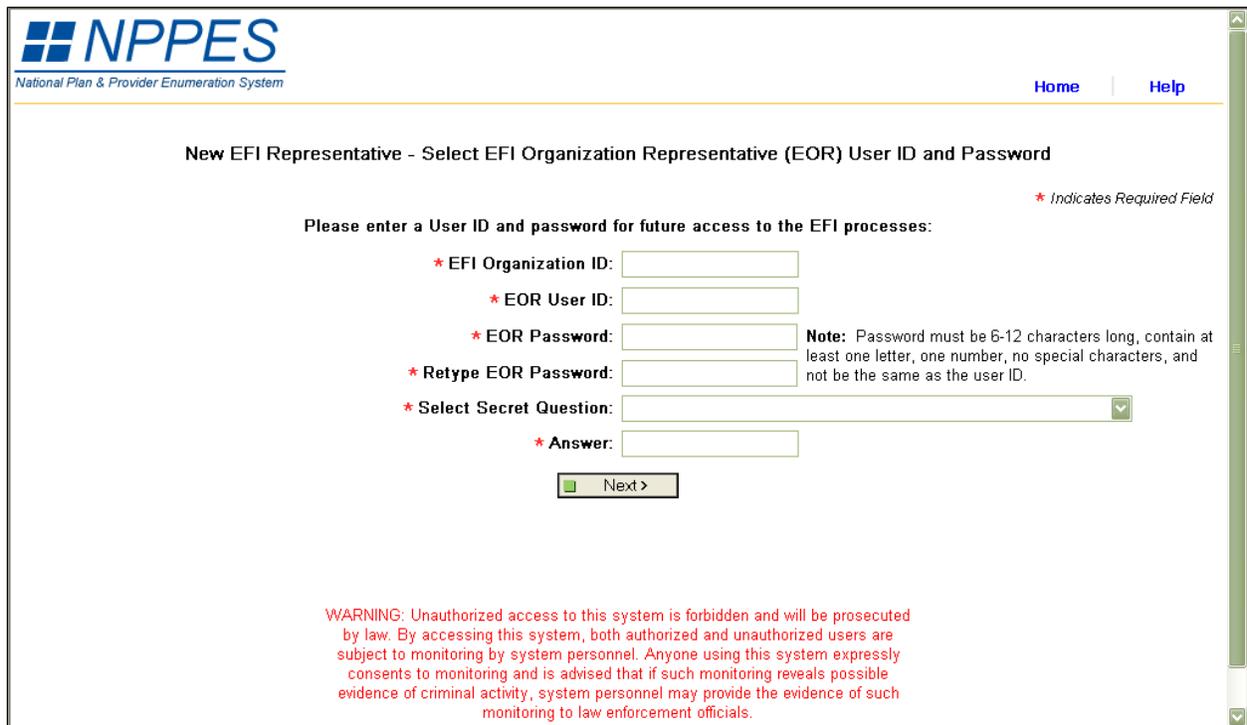
## 5 Create Additional EFI Representatives Accounts

Certified EFI Organizations may elect to associate more than one EFI Organization Representative (EOR). In such instances, additional representatives can create an account and, after approval from the Enumerator, perform the EFI functions.

Section 5.1 – Section 5.3 describes the normal path a user follows to create an EOR account to link to an active EFI Organization. Included in the sections are the page specific navigational controls and the description and requirement level of each field, if any.

### 5.1 EFI New Representative – Select User ID and Password Page

To associate a new EOR to an active EFI Organization, the user selects Create a New EFI Representative link from the EFI Home Page to navigate to the EFI New Representative - Select User ID and Password Page. NPPES ensures that the Organization ID exists and that the User ID chosen is unique within the NPI System. Guidelines for ID and password selection are included on the EFI New Representative - Select User ID and Password Page.



**NPPES**  
National Plan & Provider Enumeration System

[Home](#) | [Help](#)

**New EFI Representative - Select EFI Organization Representative (EOR) User ID and Password**

*\* Indicates Required Field*

Please enter a User ID and password for future access to the EFI processes:

\* EFI Organization ID:

\* EOR User ID:

\* EOR Password:  **Note:** Password must be 6-12 characters long, contain at least one letter, one number, no special characters, and not be the same as the user ID.

\* Retype EOR Password:

\* Select Secret Question:

\* Answer:

WARNING: Unauthorized access to this system is forbidden and will be prosecuted by law. By accessing this system, both authorized and unauthorized users are subject to monitoring by system personnel. Anyone using this system expressly consents to monitoring and is advised that if such monitoring reveals possible evidence of criminal activity, system personnel may provide the evidence of such monitoring to law enforcement officials.

The user has the following navigational controls which are specific to the EFI New Representative – Select User ID and Password Page:

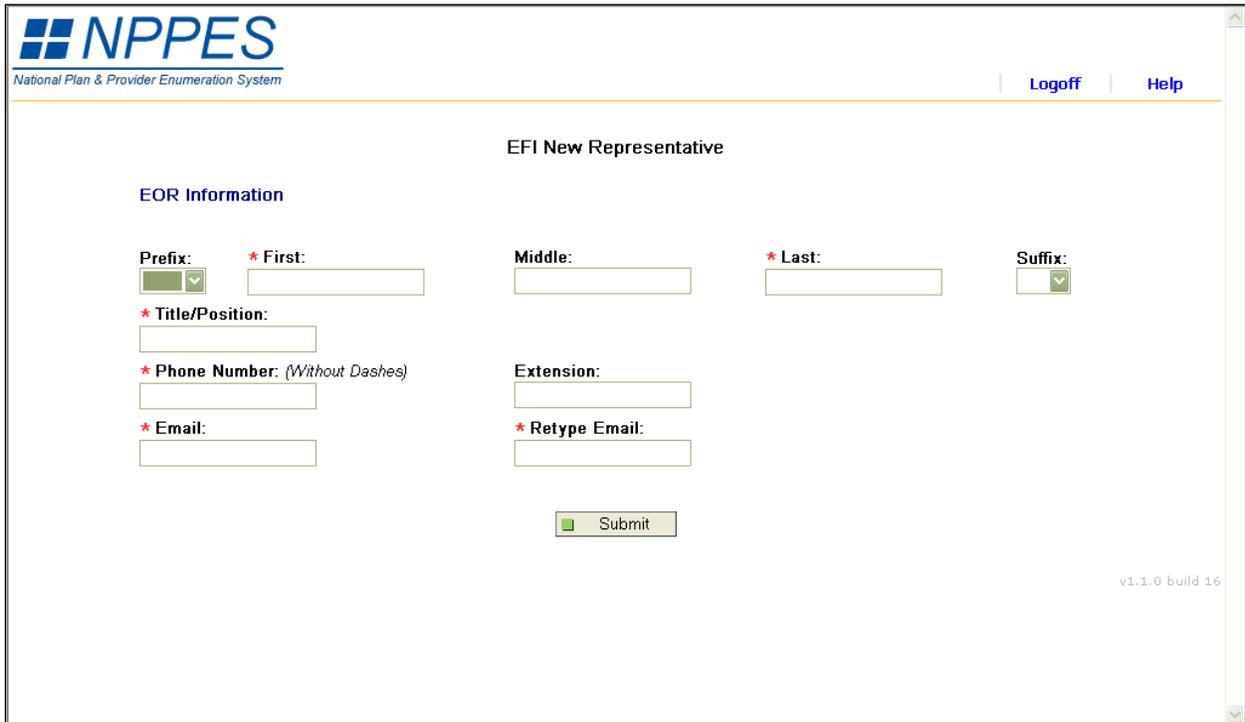
- Home – Navigates to the NPPES Home Page.
- Help – Navigates to Help for the Select EFI User ID and Password Page.
- Next – Runs field edits. If errors exist the appropriate error message displays. If no field errors exist, navigates to the EFI New Representative Page.

### 5.1.1 Field Descriptions

Field Name	Description	Requirement Level: Required, Situational, or Optional
EFI Organization ID	The EFI Organization to which the EOR will be associated.	Required
EOR User ID	The User ID that is associated with the EOR. The selected User ID must be unique within the NPI System.	Required
EOR Password	The password associated with the User ID. This password is required for Web access to EFI processes.	Required
Re-type EOR Password	The confirmation of the password associated with the User ID. This field is used to ensure that the user does not mistype the selected password.	Required
Secret Question	The question for users to answer that will provide their password in the event that it is forgotten.	Required
Answer	The response to the secret question.	Required

## 5.2 EFI New Representative Page

After the user creates a unique User ID and Password and there are no errors, the user selects Next to navigate to the New EFI Representative Page. The page collects identifying information about the EOR. New EORs do not have access to EFI functions until the NPI Enumerator activates them.



The user has the following navigational controls which are specific to the EFI New Representative Page:

- Help – Navigates to Help for the EFI New Representative Page.
- Logoff – Launches the Logoff Confirmation Page.
- Submit – Runs field edits. If errors exist the appropriate error message displays. If no field errors exist, saves data and launches the Processing Page.

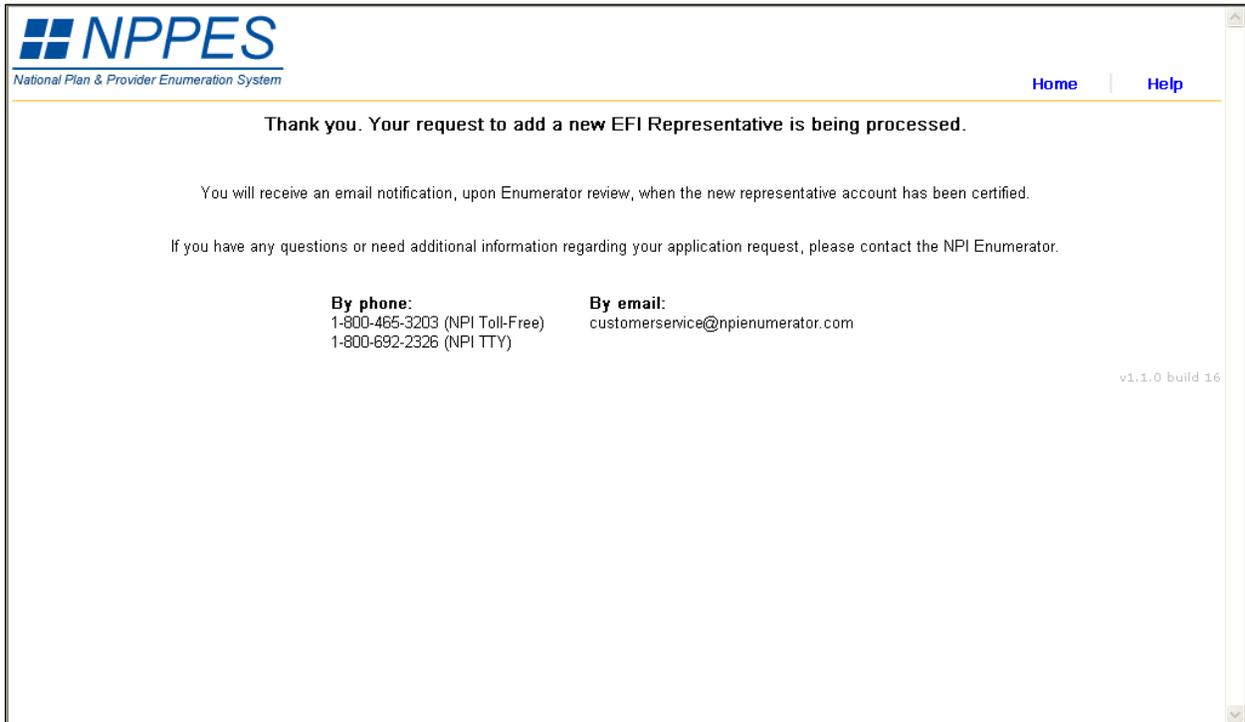
### 5.2.1 Field Descriptions

Field Name	Description	Requirement Level: Required, Situational, or Optional
Representative Prefix	The name prefix or salutation of the EOR; (e.g., Mr., Mrs., etc.)	Optional
Representative First Name	The first name of the EOR.	Required
Representative Middle Name	The middle name of the EOR.	Optional
Representative Last Name	The legal last name of the EOR.	Required

Field Name	Description	Requirement Level: Required, Situational, or Optional
Representative Suffix	The name suffix of the EOR. The name suffix is a "generation-related" suffix (e.g., Jr., Sr., II, III, IV and V).	Optional
Representative Title	The title or position within the organization that the EOR holds.	Required
Representative Phone Number	The phone number for the EOR of the organization.	Required
Representative Extension	The phone extension for the EOR of the organization.	Optional
Representative Email	The e-mail address of the EOR.	Required
Representative Retype Email	Retype the e-mail address of the EOR.	Required

### 5.3 EFI New Representative Processing Page

After the representative selects Submit and there are no errors on the EFI New Representative Page, the system navigates to the EFI New Representative Processing Page. This page is the last page of the EFI New Representative registration form. The EFI New Representative Page provides the user with information concerning the receipt of a notification from the NPI Enumerator once the new EOR account has been certified and associated with an Organization. Contact information is also provided in case the user requires additional assistance.



The screenshot shows the NPPES website interface. At the top left is the NPPES logo with the text "National Plan & Provider Enumeration System". At the top right are links for "Home" and "Help". The main content area contains the following text:

**Thank you. Your request to add a new EFI Representative is being processed.**

You will receive an email notification, upon Enumerator review, when the new representative account has been certified.

If you have any questions or need additional information regarding your application request, please contact the NPI Enumerator.

**By phone:**  
1-800-465-3203 (NPI Toll-Free)  
1-800-692-2326 (NPI TTY)

**By email:**  
customerservice@npienumerator.com

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The user has the following navigational controls which are specific to the EFI New Representative Processing Page:

- **Help** – Navigates to Help for the EFI New Representative Processing Page.
- **Home** – Navigates to the NPPES Home Page.



## 6 Existing EOR Functions

After the Enumerator certifies the organization and attaches the EOR, the EOR has various functions available. The EOR has the option to upload or download files and change or reset passwords.

### 6.1 EFI Login Page

After the NPI Enumerator activates the EOR, he/she accesses the EFI Login Page from the [Login](#) link on the EFI Home Page. The EOR enters his/her EOR User ID and password on the EFI Login Page. If the EOR enters an invalid ID and password combination, an error message displays and access to the system is denied. After three unsuccessful login attempts, the User ID is disabled and the EOR is required to contact the NPI Enumerator.



The screenshot shows the NPPES EFI Login Page. At the top left is the NPPES logo with the text "National Plan & Provider Enumeration System". At the top right are links for "Home" and "Help". The main heading is "EFI Login to NPI". Below this are two input fields: "\* Enter EOR User ID:" and "\* Enter EOR Password:". A legend indicates that an asterisk (\*) denotes a required field. Below the input fields is a "Login" button. Underneath the button is a message: "Please contact the NPI Enumerator at 1-800-465-3203 (NPI Toll-Free) if you have forgotten your UserID." Below this message is a "Reset Forgotten Password" button. At the bottom of the page is a red warning message: "WARNING: Unauthorized access to this system is forbidden and will be prosecuted by law. By accessing this system, both authorized and unauthorized users are subject to monitoring by system personnel. Anyone using this system expressly consents to monitoring and is advised that if such monitoring reveals possible evidence of criminal activity, system personnel may provide the evidence of such monitoring to law enforcement officials." In the bottom right corner, the version number "v1.1.0 build 16" is displayed.

The user has the following navigational controls which are specific to the EFI Login Page:

- Home – Launches the NPPES Home Page.
- Help – Navigates to Help for the Login Page.
- Login – Authenticates User. Displays message if user is not authenticated or user account is locked. Launches EOR Main Menu Page if user is authenticated.

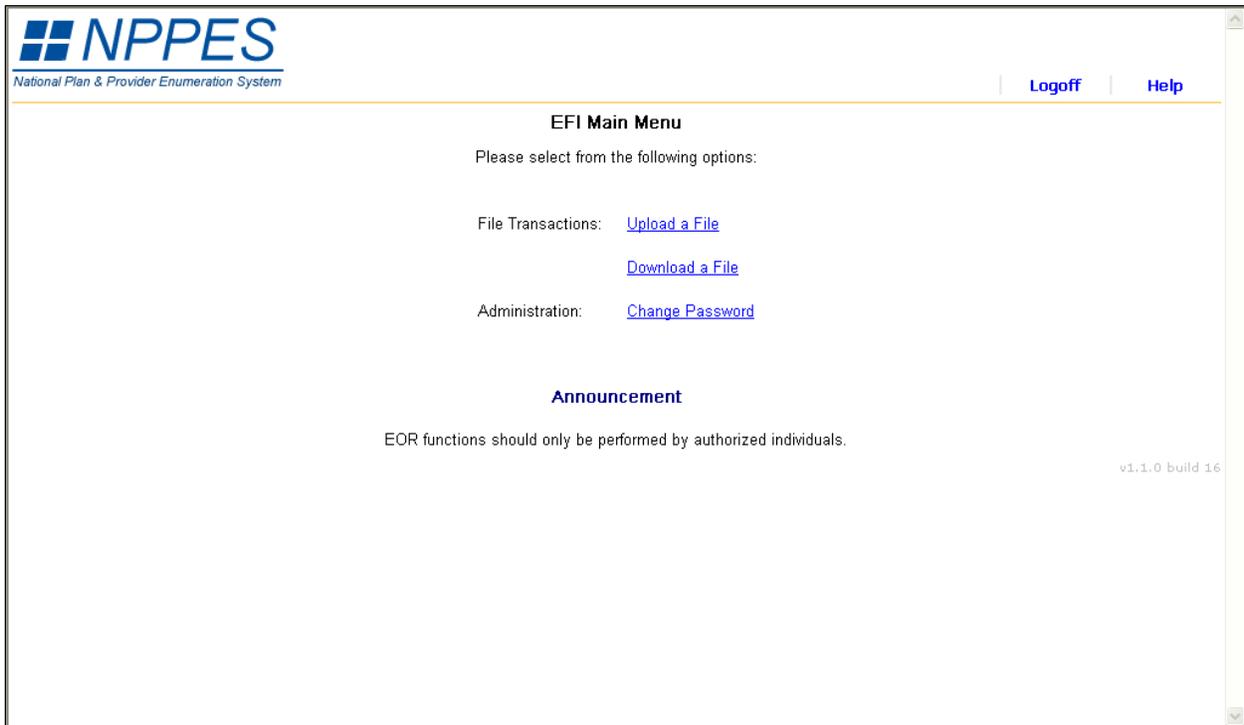
- Reset Password – Navigates to the Reset Password Page.

### 6.1.1 Field Descriptions

Field Name	Description	Requirement Level: Required, Situational, or Optional
EOR User ID	The User ID associated with the EOR's record.	Required
EOR Password	The password associated with the EOR's record.	Required

## 6.2 EFI Main Menu Page

After successful login, the system navigates to the EFI Main Menu Page. This page provides EOR users with options for the following: File Transactions and Administration.



The user has the following navigational controls which are specific to the EFI Main Menu Page:

- Logoff – Launches the Logoff Confirmation Page.
- Help – Navigates to the Help for the EFI Main Menu Page.
- Upload a File – Navigates to the EFI File Upload Page.

- Download a File – Navigates to the Search EFI Files for Download Page.
- Change Password – Launches the Change NPI Password Page.

## 6.3 EFI File Upload Page

The EOR accesses the EFI File Upload Page from the EFI Main Menu Page. This page enables the EOR to select the actual file to be sent to the NPI System. The Enumerator controls a queue where each file uploaded is contained. The Enumerator determines when and which files will be released from the queue for processing.

The EOR can only upload files in a Zip file format one at a time. If the EOR chooses any other file format, an error message displays.



**NPPES**  
National Plan & Provider Enumeration System

[Main Menu](#) | [Logoff](#) | [Help](#)

**EFI File Upload** \* Indicates Required Field

**Select a File for Upload**

\* **File Name:** (Only ZIP file format is allowed)

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The user has the following navigational controls which are specific to the EFI File Upload Page:

- Main Menu – Navigates to the EFI Main Menu Page.
- Help – Navigates to Help for the EFI File Upload Page.
- Logoff – Launches the Logoff Confirmation Page.
- Browse – Opens the Choose File Dialog Box. User then selects which file to be uploaded.

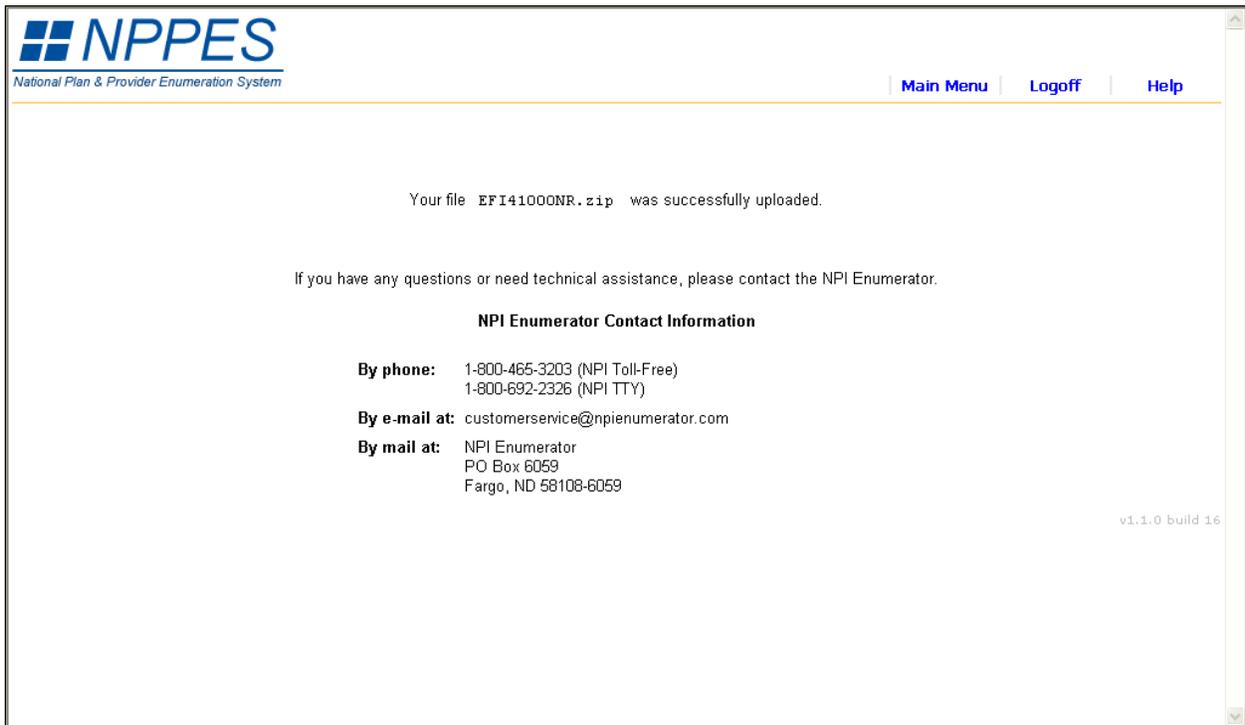
- Cancel – Returns the user to the EFI Main Menu Page and terminates the file upload process.
- Upload File – Transmits the selected file to NPPES. A notification is sent to the user upon successful completion of file processing.

### 6.3.1 Field Description

Field Name	Description	Requirement Level: Required, Situational, or Optional
File Name	The name of the file to be uploaded from the EOR's files to NPPES for processing.	Required
Selected File Name	File Name that was selected by the EOR in the EFI File Upload screen.	Situational

## 6.4 EFI File Upload Processing Page

The EFI File Upload Processing Page provides the EOR with the results of the upload process. Errors that may occur in processing are also displayed. In addition, email notifications are sent to all EORs for the Organization with the file name assigned by the NPI system. (For Notification details see Chapter 7). The NPI Enumerator contact information is included in case the EOR needs assistance.



The user has the following navigational controls which are specific to the EFI File Upload Processing Page:

- Main Menu – Navigates to the EFI Main Menu Page.
- Help – Navigates to Help for the EFI File Upload Page.
- Logoff – Launches the Logoff Confirmation Page.

## 6.5 EFI File Download

The EFI File Download enables the EOR to select a file that has been previously transmitted from his/her organization to NPPES. The processed file can be downloaded for review and if necessary the EOR can update and re-upload.

## 6.6 EFI Search Files for Download Page

The EOR accesses the Search EFI Files for Download Page from the EFI Main Menu Page. On this page, the EOR enters search parameters to locate and view the status of files uploaded for his/her EFI

Organization. An error message displays if no matching records are found. If one or more records meet the input search criteria, a list of files display on the Search EFI Files Results Page.

**NPPES**  
National Plan & Provider Enumeration System

[Main Menu](#) | [Logoff](#) | [Help](#)

### Search EFI Files for Download

**Search Criteria**

Please enter data for only one of the following:

Original File Name

NPI System Generated File Name

Date of Upload      Start Date       End Date

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The user has the following navigational controls which are specific to the EFI Search Files for Download Page:

- Search – If one or more records meet search criteria, open to the Search EFI File Results Page. Message displays if there is no search criteria entered, more than 50 files found meet search criteria, no files found meet search criteria, or the file is currently being worked by another user.
- Reset – Clears all search parameters.
- Main Menu – Navigates to the EFI Main Menu Page.
- Help – Navigates to Help for the Search EFI Files Page.
- Logoff – Exits the system and navigates to the Logoff Confirmation Page.

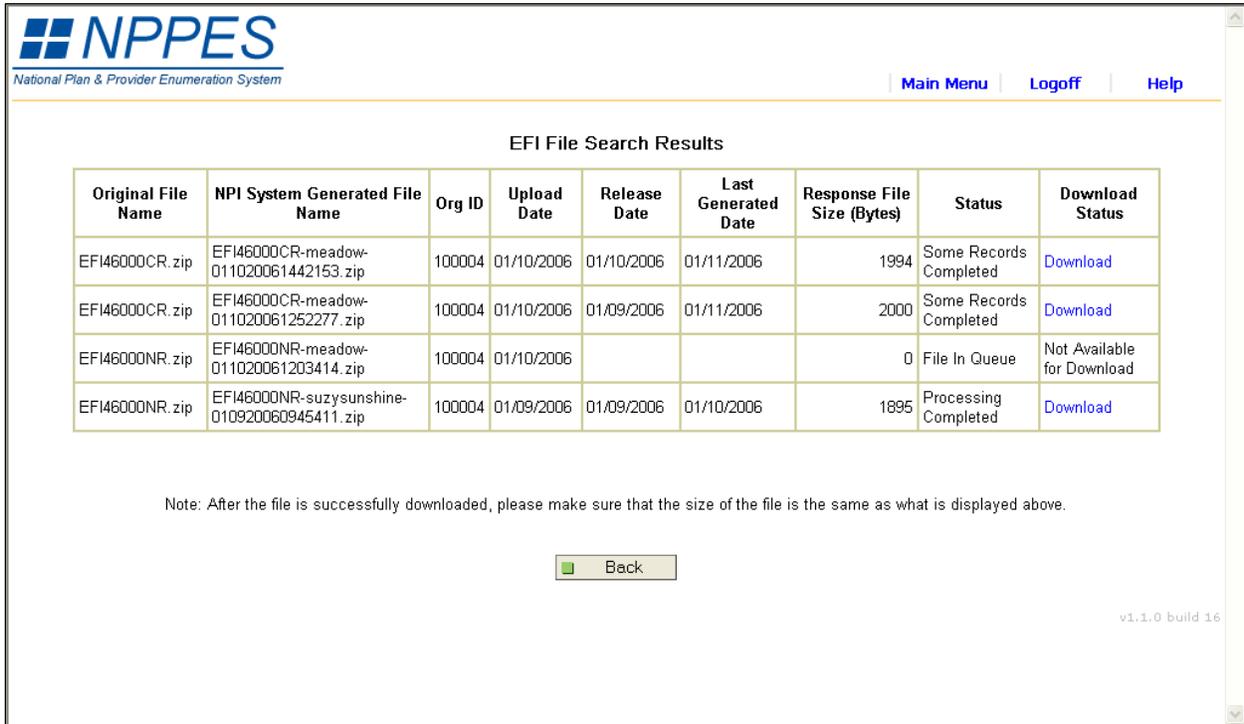
### 6.6.1 Field Descriptions

Field Name	Description	Requirement Level: Required, Situational, or Optional
Original File Name	The name originally given to the file by the EFI Organization.	Optional
NPI System Generated File Name	The NPI generated file name given to the uploaded file.	Optional
Date of Upload	Date range of submitted EFI files to search between	Optional

## 6.7 Search EFI File Results Page

When the EOR selects Search on the EFI Search File for Download Page, the Search EFI File Results Page displays. The Search EFI Results Page shows the status of uploaded file(s). When the system places EFI files in the queue, the EFI Search Results Page shows the status File Uploaded until the files are released. When the file is released from the queue the date in the Release Date column will update. Any file that is in the queue will not be available to download until released from the queue and processed. The EOR is able to select the desired file by clicking on the Download link in the row of the table.

The six day turn around time for the response file to be generated and downloaded by the EOR starts after the file is released from the queue.



The screenshot shows the NPPES interface for EFI File Search Results. At the top left is the NPPES logo and the text "National Plan & Provider Enumeration System". On the top right are navigation links: "Main Menu", "Logoff", and "Help". The main content area is titled "EFI File Search Results" and contains a table with the following data:

Original File Name	NPI System Generated File Name	Org ID	Upload Date	Release Date	Last Generated Date	Response File Size (Bytes)	Status	Download Status
EFI46000CR.zip	EFI46000CR-meadow-011020061442153.zip	100004	01/10/2006	01/10/2006	01/11/2006	1994	Some Records Completed	<a href="#">Download</a>
EFI46000CR.zip	EFI46000CR-meadow-011020061252277.zip	100004	01/10/2006	01/09/2006	01/11/2006	2000	Some Records Completed	<a href="#">Download</a>
EFI46000NR.zip	EFI46000NR-meadow-011020061203414.zip	100004	01/10/2006			0	File In Queue	Not Available for Download
EFI46000NR.zip	EFI46000NR-suzysunshine-010920060945411.zip	100004	01/09/2006	01/09/2006	01/10/2006	1895	Processing Completed	<a href="#">Download</a>

Below the table is a note: "Note: After the file is successfully downloaded, please make sure that the size of the file is the same as what is displayed above." At the bottom center is a "Back" button. In the bottom right corner, the version "v1.1.0 build 16" is displayed.

The user has the following navigational controls which are specific to the EFI Search File Result Page:

- Main Menu – Navigates to EFI Main Menu Page.
- Help – Navigates to Help for the Search EFI File Results Page.
- Logoff – Exits the system and navigates to the Logoff Confirmation Page.
- Download – Starts the download process for the EFI file selected. Navigates to the EFI Download – Destination Dialog Box.
- Back – Navigates to the Search EFI Files for Download Page.

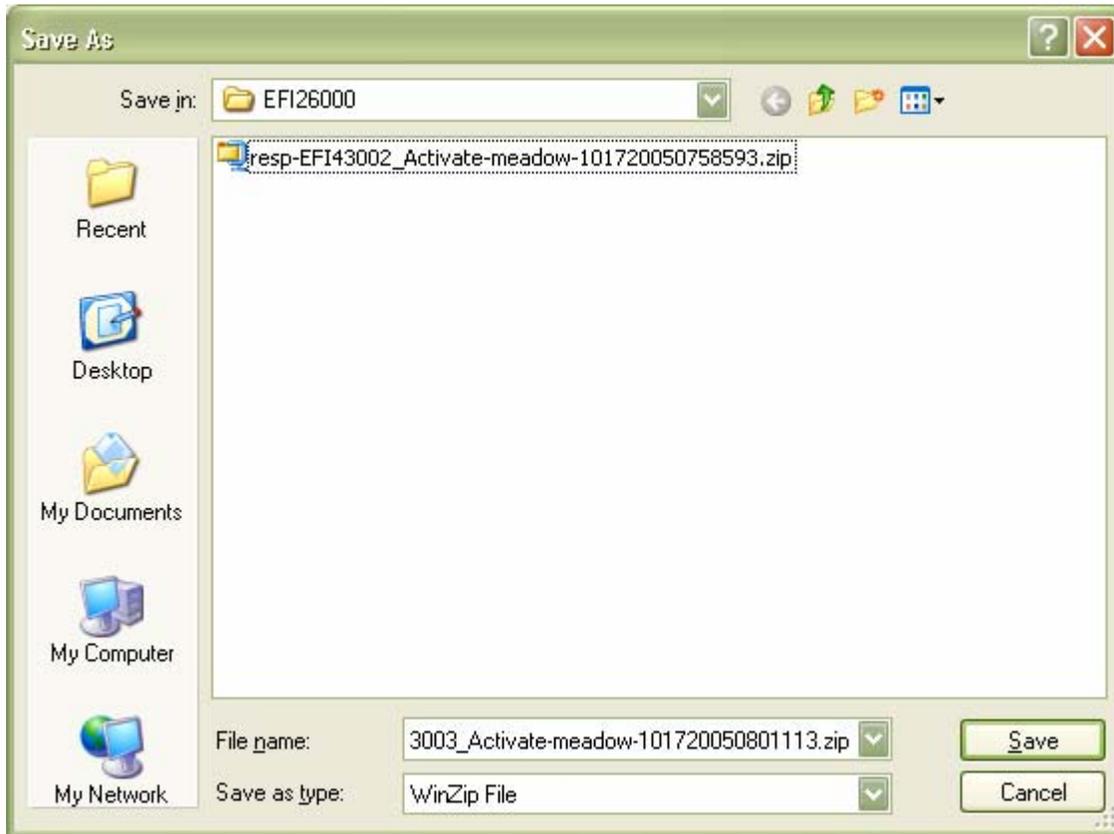
### 6.7.1 Field Descriptions

Field Name	Description	Requirement Level: Required, Situational, or Optional
Original File Name	The name originally given to the file by the EFI Organization.	N/A – Display only
NPI Generated Name	The NPI generated file ID given to the uploaded file.	N/A – Display only
Org ID	The EFI Organization ID.	N/A – Display only

Field Name	Description	Requirement Level: Required, Situational, or Optional
Upload Date	The date the file was uploaded.	N/A – Display only
Release Date	The date the file was released from the queue.	N/A – Display only
Last Generated Date	Most current date that EFI file was modified or updated.	N/A – Display only
File Size	Size of the EFI file.	N/A – Display only
Status	Current status of the EFI file. The file status' are: File Uploaded, Update in Process, Error in Processing, File Rejected, Some Records Complete, Processing Complete	N/A – Display only
Download Status	The download status of the file uploaded.	N/A – Display only

## 6.8 EFI Download – Destination Dialog Screen

The EOR selects the destination to which he/she prefers to save the downloaded file on the EFI Download – Destination Dialog Box. The EOR may select any file location via the appropriate dialog box displaying the drives and folders to which he/she has access.

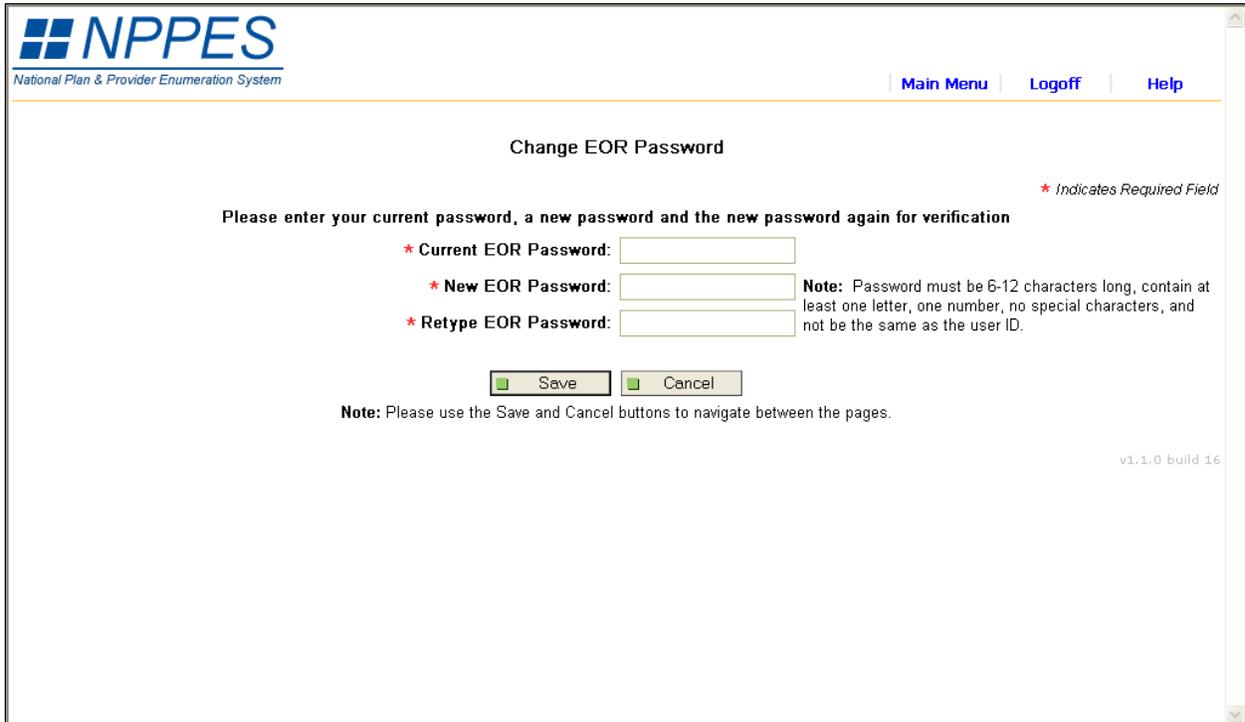


The user has the following navigational controls which are specific to the EFI Download – Destination Dialog Screen:

- Save – Saves the EFI file to the destination the user desires.
- Cancel – Returns the user to the EFI Search File Results Page.

## 6.9 Change EOR Password Page

The EOR accesses the Change EOR Password Page from the EFI Main Menu Page. This page enables the EOR to change his/her password. The Change EOR Password Page requires the EOR to enter his/her existing password, the new password, and retype the new password for confirmation to change the password.



**Change EOR Password**

\* Indicates Required Field

Please enter your current password, a new password and the new password again for verification

\* Current EOR Password:

\* New EOR Password:  **Note:** Password must be 6-12 characters long, contain at least one letter, one number, no special characters, and not be the same as the user ID.

\* Retype EOR Password:

**Note:** Please use the Save and Cancel buttons to navigate between the pages.

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The user has the following navigational controls which are specific to the EFI File Download Processing Page:

- Save – Submits the Password change. Display appropriate error message for violated field edits.
- Cancel – Returns the user to the EFI Main Menu. Any changes that were made to the data are not saved.
- Main Menu – Navigates to the EFI Main Menu Page.
- Help – Navigates to Help for the Change EOR Password Page.
- Logoff – Launches the Logoff Confirmation Page.

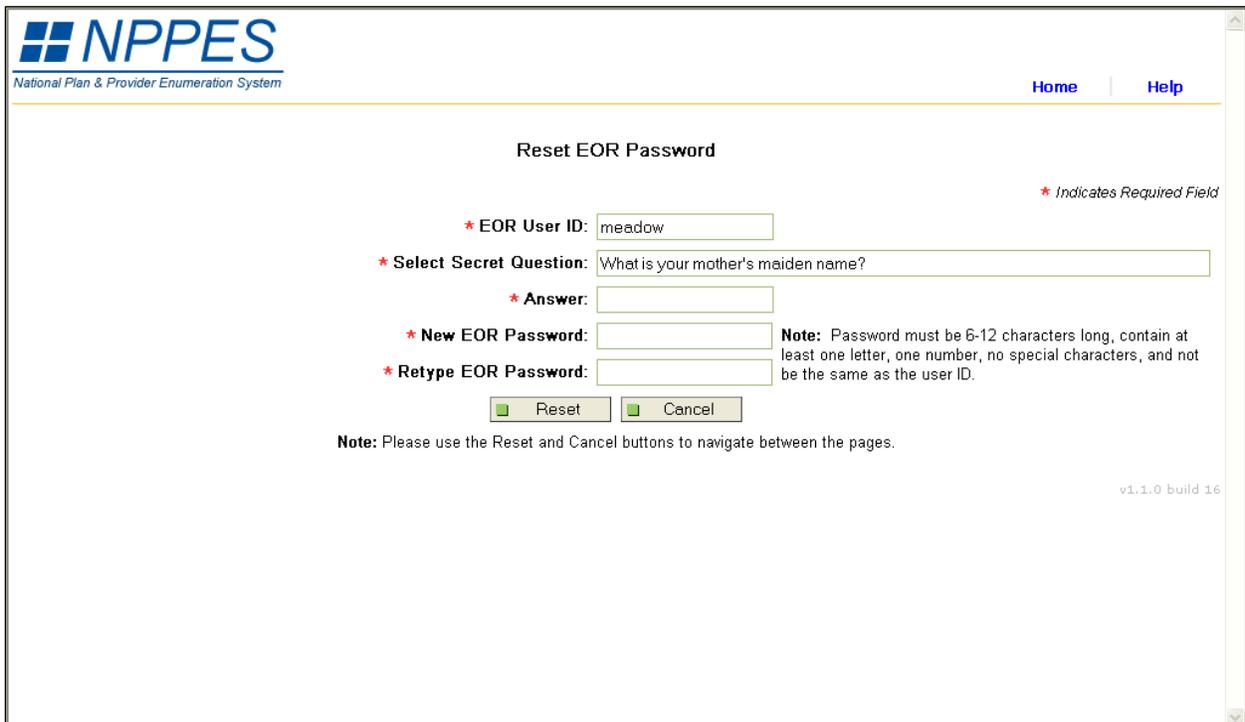
### 6.9.1 Field Descriptions

Field Name	Description	Requirement Level: Required, Situational, or Optional
Current EOR Password	The existing password associated with the EOR's record.	Required
New EOR Password	The new password the user wants to associate with the EOR record.	Required

Retype New EOR Password The confirmation of the new password the user wants to associate with the EOR record. Required

## 6.10 Reset EOR Password Page

The EOR accesses the Reset Password Page from the EOR Login Page. This page enables the EOR to reset his/her forgotten NPI System password. The Reset Password Page requires the user to answer the secret question. If all information matches that in the database, the EOR is able to enter and confirm a new password.



The user has the following navigational controls which are specific to the Reset EOR Password Page:

- Reset – Processes reset password request. Navigates to the NPI Login Page.
- Cancel – Returns EOR to the EFI Main Menu page. Any changes that were made to the data are not saved.
- Home – Navigates to the NPPES Home Page.
- Help – Navigates to Help for the Reset Password Page.
- Logoff – Launches the Logoff Confirmation Page.

### 6.10.1 Field Descriptions

Field Name	Description	Requirement Level: Required, Situational, or Optional
EOR User ID	The User ID that is associated with the EOR.	NA – Display Only
Secret Question	The secret question that is associated with the EOR.	NA – Display only
Answer	The response to the secret question.	Required
New EOR Password	The new password the user wants to associate with the EOR's record.	Required
Retype New EOR Password	The confirmation of the new password the user wants to associate with the NPI record.	Required



## 7 Notifications

The EOR receives e-mails from the NPI System to indicate the status of the organization and representative(s) as well as the results of the EFI file processing. All correspondence is sent via e-mail; no letters are generated.

Actions (enumeration and changes) as a result of EFI processing do not generate letters or e-mails to each provider. It is up to the EFI Organization to notify the providers of the results of the EFI transactions (assigned NPI, successful change or rejection of application/change request).

The EOR can possibly receive the following e-mail notifications shown below. Note that in all exhibits the address [contactperson@somehost.com](mailto:contactperson@somehost.com) is replaced by the e-mail address of the EOR(s) for the EFI Organization.

### **Exhibit 7-1 E-mail Format of EFI Organization Activation**

To: [contactperson@somehost.com](mailto:contactperson@somehost.com)

Date: [System Generated]

Subject: National Provider Identifier

The NPI Enumerator has received your request for authorization to submit EFI files to the National Provider Identifier System. Your EFI Organization ID is XXXXXX and it has been successfully activated. You will be notified of your Representative authorization separately. Activation of both EFI Organization ID and a Representative are required in order for the NPI System to process the EFI file.

If you have any questions, you may:

- 1.) Refer to the NPI website (<https://nppes.cms.hhs.gov>), or
- 2.) Contact the NPI Enumerator at:

NPI Enumerator  
PO Box 6059  
Fargo, ND 58108-6059  
1-800-465-3203 (NPI Toll-Free)  
1-800-692-2326 (NPI TTY)  
[customerservice@npienumerator.com](mailto:customerservice@npienumerator.com)

**Exhibit 7-2 E-mail Format of EFI Organization Rejection**

To: [contactperson@somehost.com](mailto:contactperson@somehost.com)

Date: [System Generated]

Subject: National Provider Identifier

The NPI Enumerator has received your request for authorization to submit EFI files to the National Provider Identifier System. This is to inform you that the organization's request was unsuccessful.

If you have any questions, you may:

- 1.) Refer to the NPI website (<https://nppes.cms.hhs.gov>), or
- 2.) Contact the NPI Enumerator at:

NPI Enumerator  
PO Box 6059  
Fargo, ND 58108-6059  
1-800-465-3203 (NPI Toll-Free)  
1-800-692-2326 (NPI TTY)  
[customerservice@npienumerator.com](mailto:customerservice@npienumerator.com)

**Exhibit 7-3 E-mail Format of EFI Organization Deactivation**

To: [contactperson@somehost.com](mailto:contactperson@somehost.com)

Date: [System Generated]

Subject: National Provider Identifier

The NPI Enumerator has deactivated your authorization to submit EFI files to the National Provider Identifier System. All representatives associated with your organization have been deactivated, also.

If you have any questions, you may:

- 1.) Refer to the NPI website (<https://nppes.cms.hhs.gov>), or
- 2.) Contact the NPI Enumerator at:

NPI Enumerator  
PO Box 6059  
Fargo, ND 58108-6059  
1-800-465-3203 (NPI Toll-Free)  
1-800-692-2326 (NPI TTY)  
[customerservice@npienumerator.com](mailto:customerservice@npienumerator.com)

**Exhibit 7-4 E-mail Format of EFI Representative Activation**

To: [contactperson@somehost.com](mailto:contactperson@somehost.com)

Date: [System Generated]

Subject: National Provider Identifier

The NPI Enumerator has received a request for authorization to submit EFI files to the National Provider Identifier System. The User ID for [EOR First Name, EOR Middle Name, EOR Last Name] has been successfully activated. Activation of both EFI Organization and Representative are required in order for the NPI System to process the EFI file.

If you have any questions, you may:

- 1.) Refer to the NPI website (<https://nppes.cms.hhs.gov>), or
- 2.) Contact the NPI Enumerator at:

NPI Enumerator  
PO Box 6059  
Fargo, ND 58108-6059  
1-800-465-3203 (NPI Toll-Free)  
1-800-692-2326 (NPI TTY)  
[customerservice@npienumerator.com](mailto:customerservice@npienumerator.com)

**Exhibit 7-5 E-mail Format for Representative Rejection**

To: [contactperson@somehost.com](mailto:contactperson@somehost.com)

Date: [System Generated]

Subject: National Provider Identifier

The NPI Enumerator has rejected the request for authorization to submit EFI files to the National Provider Identifier System by [EOR First Name, EOR Middle Name, EOR Last Name].

If you have any questions, you may:

- 1.) Refer to the NPI website (<https://nppes.cms.hhs.gov>), or
- 2.) Contact the NPI Enumerator at:

NPI Enumerator  
PO Box 6059  
Fargo, ND 58108-6059  
1-800-465-3203 (NPI Toll-Free)  
1-800-692-2326 (NPI TTY)  
[customerservice@npienumerator.com](mailto:customerservice@npienumerator.com)

**Exhibit 7-6 E-mail Format of Representative Deactivation**

To: [contactperson@somehost.com](mailto:contactperson@somehost.com)

Date: [System Generated]

Subject: National Provider Identifier

The NPI Enumerator has deactivated the authorization to submit EFI files to the National Provider Identifier System by [EOR First Name, EOR Middle Name, EOR Last Name].

If you have any questions, you may:

- 1.) Refer to the NPI website (<https://nppes.cms.hhs.gov>), or
- 2.) Contact the NPI Enumerator at:

NPI Enumerator  
PO Box 6059  
Fargo, ND 58108-6059  
1-800-465-3203 (NPI Toll-Free)  
1-800-692-2326 (NPI TTY)  
[customerservice@npienumerator.com](mailto:customerservice@npienumerator.com)

**Exhibit 7-7 E-mail Format for EFI File Name Assignment**

To: [contactperson@somehost.com](mailto:contactperson@somehost.com)

Date: [System Generated]

Subject: National Provider Identifier

The National Provider Identifier System received the following EFI file that you submitted to <https://nppes.cms.hhs.gov>:

[Original File Name]

This is to inform you that the NPI System generated EFI file name is:

[System Generated File Name]

You will be notified regarding the status of your EFI file and once processing is complete, the EFI file can be downloaded and utilized by your facility.

If you have any questions, you may:

- 1.) Refer to the NPI website (<https://nppes.cms.hhs.gov>), or
- 2.) Contact the NPI Enumerator at:

NPI Enumerator  
PO Box 6059  
Fargo, ND 58108-6059  
1-800-465-3203 (NPI Toll-Free)  
1-800-692-2326 (NPI TTY)  
[customerservice@npienumerator.com](mailto:customerservice@npienumerator.com)

**Exhibit 7-8 E-mail Format of EFI File Rejection**

To: [contactperson@somehost.com](mailto:contactperson@somehost.com)

Date: [System Generated]

Subject: National Provider Identifier

The National Provider Identifier System received the following EFI file that you submitted to <https://.nppes.cms.hhs.gov>:

[Original File Name]

[System Generated File Name]

This is to inform you that the EFI file has been rejected. There are two general reasons why a file can be rejected.

The first type of rejection occurs because the EFIO submitter used an invalid Submitter Identifier number (EFI Organization ID). To identify and correct this type of rejection, you should review the EFI Technical Guide at [www.cms.hhs.gov/NationalProviderIdentStand](http://www.cms.hhs.gov/NationalProviderIdentStand).

The second type of rejection occurs because the EFO submitter used an incorrect XML schema. To identify and correct this type of rejection, you should review the EFI Technical Guide at [www.cms.hhs.gov/NationalProviderIdentStand](http://www.cms.hhs.gov/NationalProviderIdentStand).

Other Possible Causes for EFI File rejection include:

- \* When the Transaction set purpose code is listed as something other than 13 (13 is for requests and 11 for response)
- \* When the Transaction Type code is listed as something other than RK (new request) and U5 (update/modify request)
- \* No XML file is provided within an uploaded zip file.
- \* When the original uploaded file size is ZERO.
- \* Parsing exceptions due to invalid/special characters in the XML data.

Before resubmitting a file, please review your submission to ensure that it is consistent with the XML schema and that the information contained in each record is accurate and complete.

If you have any questions, you may:

- 1.) Refer to the NPI website (<https://nppes.cms.hhs.gov>), or
- 2.) Contact the NPI Enumerator at:  
NPI Enumerator  
PO Box 6059  
Fargo, ND 58108-6059  
1-800-465-3203 (NPI Toll-Free)  
1-800-692-2326 (NPI TTY)  
[customerservice@npienumerator.com](mailto:customerservice@npienumerator.com)

**Exhibit 7-9 E-mail Format for EFI File Completion**

To: [contactperson@somehost.com](mailto:contactperson@somehost.com)

Date: [System Generated]

Subject: National Provider Identifier

The National Provider Identifier System received the following EFI file that you submitted to <https://nppes.cms.hhs.gov>:

[Original File Name]

[System Generated File Name]

This is to inform you that the EFI file has been processed and can be downloaded for use by your facility. Please note that the NPI Enumerator will continue to review any records that are in a pended status.

If you have any questions, you may:

- 1.) Refer to the NPI website (<https://nppes.cms.hhs.gov>), or
- 2.) Contact the NPI Enumerator at:

NPI Enumerator  
PO Box 6059  
Fargo, ND 58108-6059  
1-800-465-3203 (NPI Toll-Free)  
1-800-692-2326 (NPI TTY)  
[customerservice@npienumerator.com](mailto:customerservice@npienumerator.com)



## 8 EFI File Requirements

### 8.1 Extensible Markup Language (XML) Format

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XML (*Extensible Markup Language*) is the web based language of choice with which all EFI files are generated. XML is designed specifically for Web documents. A metalanguage written in SGML (Standard Generalized Markup Language), XML allows one to design a markup language, used to allow for the easy interchange of documents on the World Wide Web.

Chapter 8 describes each XML element required to enumerate or change a provider through the EFI process.

### 8.2 Zipped File Format

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The EOR must individually zip each EFI file in the upload process. A zip file means to compress a file to a minimal size. Therefore making the zip file smaller compared to the unzipped file, resulting in a faster upload. The only pre-validation visible to the EOR after uploading an EFI file is limited to a confirmation that the file was received in the correct file type (proper file extension).



## 9 XML Supporting Documentation

The tables in Section 9.1 describe each XML element in detail. In Section 9.2 are the XML elements combined to create the XML schema.

### 9.1 XML Elements

XML Element	CGIAMS27410200_BHT02_TransactionSetPurposeCode
Description	Indicates the purpose of the file
Valid Values	11 (Response) 13 (Request)
Required	Yes
Repeating	No
Edits	Must be a valid value
Related NPI Application Section	N/A
NPI Application Equalivent Field Name	N/A

XML Element	CGIAMS27410200_BHT06_TransactionTypeCode
Description	Describes the action type of the file
Valid Values	RK (New Application) U5 (Update)
Required	Yes
Repeating	No
Edits	Must be a valid value
Related NPI Application Section	N/A
NPI Application Equalivent Field Name	N/A

XML Element	CGIAMS27420300_2100AA_NM109_SubmitterIdentifier
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Description	Six-digit EFI Organization ID
Valid Values	N/A
Required	Yes
Repeating	No
Edits	Must be six digits Must be a valid EFI Organization ID
Related NPI Application Section	N/A
NPI Application Equalivent Field Name	N/A

<b>XML Element</b>	<b>CGIAMS27420100_2000C_TRN02_Referencel identification</b>
Description	Provider's Tracking ID
Valid Values	Blank (for new applications)
Required	N/A
Repeating	N/A
Edits	N/A
Related NPI Application Section	N/A
NPI Application Equalivent Field Name	N/A

<b>XML Element</b>	<b>CGIAMS27420300_2100CA_NM102_EntityTypeQualifier</b>
Description	Provider's Entity Type
Valid Values	1 (Individual) 2 (Organization)
Required	Yes
Repeating	No
Edits	Must be a valid value Cannot change entity type on an existing NPI record
Related NPI Application Section	Section 1 B
NPI Application Equalivent Field Name	Entity Type

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<b>XML Element</b>	<b>CGIAMS27420300_2100CA_NM103_ProviderLastOrOrganizationName<sup>1</sup></b>
Description	Last name of individual provider or complete name of organization provider
Valid Values	N/A
Required	Yes
Repeating	No
Edits	Data must be entered and valid
Related NPI Application Section	Section 2 A (Individual) / Section 2 B (Organization)
NPI Application Equalivent Field Name	Individual Last Name / Organization and Group Name

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<b>XML Element</b>	<b>CGIAMS27420300_2100CA_NM104_ProviderFirstName</b>
Description	First name of individual provider
Valid Values	N/A
Required	Yes – for Entity Type 1 providers
Repeating	No
Edits	Data must be entered
Related NPI Application Section	Section 2 A
NPI Application Equalivent Field Name	Individual Provider First Name

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<b>XML Element</b>	<b>CGIAMS27420300_2100CA_NM105_ProviderMiddleName</b>
Description	Middle name of individual provider
Valid Values	N/A
Required	No
Repeating	No
Edits	N/A
Related NPI Application Section	Section 2 A
NPI Application Equalivent Field Name	Individual Middle Name

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<sup>1</sup> The Change Request XML files use the Provider Last Name or Organization Name as a key field to identify either the Entity Type 1 (Individual) or Entity Type 2 (Organization) record in the NPI System.

<b>XML Element</b>	<b>CGIAMS27420300_2100CA_NM106_ProviderNamePrefix</b>
Description	Name prefix for individual provider
Valid Values	Ms., Mr., Miss, Mrs., Dr., Prof.
Required	No
Repeating	No
Edits	Must be a valid value
Related NPI Application Section	Section 2 A
NPI Application Equalivent Field Name	Individual Prefix

<b>XML Element</b>	<b>CGIAMS27420300_2100CA_NM107_ProviderNameSuffix</b>
Description	Name suffix for individual provider
Valid Values	Jr., Sr., I, II, III, IV, V, VI, VII, VIII, IX, X
Required	No
Repeating	No
Edits	Must be a valid value
Related NPI Application Section	Section 2 A
NPI Application Equalivent Field Name	Individual Suffix

<b>XML Element</b>	<b>CGIAMS27420300_2100CA_NM108_IdentifierCodeQualifier<sup>2</sup></b>
Description	Code describing the provider identifier
Valid Values	XX (NPI)
Required	Yes (Only on Change Request Files)
Repeating	No
Edits	Must be valid value
Related NPI Application Section	N/A
NPI Application Equalivent Field Name	N/A

<sup>2</sup> The Change Request XML files use the Identifier Code Qualifier as a key field to identify both an Entity Type 1 (Individual) and Entity Type 2 (Organization) record in the NPI System.

<b>XML Element</b>	<b>CGIAMS27420300_2100CA_NM109_ProviderIdentifier<sup>3</sup></b>
Description	Provider's NPI number
Valid Values	N/A
Required	Yes (Only on Change Request Files)
Repeating	No
Edits	Must be 10 digits Must be a valid NPI number
Related NPI Application Section	N/A
NPI Application Equalivent Field	N/A

<b>XML Element</b>	<b>CGIAMS27420400_2100CA_N202_ProviderDoingBusinessAsOrTradeName</b>
Description	Type of Other Provider Name
Valid Values	1 - Former Name (Individual) 2 - Professional Name (Individual) 3 - Doing Business As (Organization) 4 - Former Legal Business Name (Organization) 5 - Other Name (Individual or Organization) 6 - Current Name (Individual or Organization)
Required	Yes - If any "other name" field contains data
Repeating	No
Edits	Must be a valid value
Related NPI Application Section	Section 2 A (Individual) / Section 2 B (Organization)
NPI Application Equalivent Field	Type of Other Name Name

<b>XML Element</b>	<b>CGIAMS27420500_2100CA_PER03_CommunicationNumberQualifier</b>
Description	Type of mailing address communication number
Valid Values	EM (E-mail address) TE (Phone Number)
Required	No

<sup>3</sup> The Change Request XML files use the Provider Identifier (NPI) as a key field to identify both an Entity Type 1 (Individual) and Entity Type 2 (Organization) record in the NPI System.

XML Element	CGIAMS27420500_2100CA_PER03_CommunicationNumberQualifier
Repeating	No
Edits	Must be a valid value
Related NPI Application Section	N/A
NPI Application Equalivent Field Name	N/A

XML Element	CGIAMS27420500_2100CA_PER04_CommunicationNumber
Description	Mailing address communication number
Valid Values	N/A
Required	No
Repeating	No
Edits	Must be 10 digits Must be numeric
Related NPI Application Section	Section 3 A
NPI Application Equalivent Field Name	Telephone Number

XML Element	CGIAMS27420500_2100CA_PER05_CommunicationNumberQualifier
Description	Type of mailing address communication number
Valid Values	EM (E-mail address) EX (Extension) FX (Fax number) TE (Phone Number)
Required	No
Repeating	No
Edits	Valid Value
Related NPI Application Section	N/A
NPI Application Equalivent Field Name	N/A

XML Element	CGIAMS27420500_2100CA_PER06_CommunicationNumber
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XML Element	CGIAMS27420500_2100CA_PER06_CommunicationNumber
Description	Mailing address communication number
Valid Values	N/A
Required	No
Repeating	No
Edits	Must be numeric
Related NPI Application Section	Section 3 A
NPI Application Equalivent Field Name	Telephone Number

XML Element	CGIAMS27420500_2100CA_PER07_CommunicationNumberQualifier
Description	Type of mailing address communication number
Valid Values	EM (E-mail address) EX (Extension) FX (Fax number) TE (Phone number)
Required	No
Repeating	No
Edits	Must be a valid value
Related NPI Application Section	N/A
NPI Application Equalivent Field Name	N/A

XML Element	CGIAMS27420500_2100CA_PER08_CommunicationNumber
Description	Mailing address communication number
Valid Values	N/A
Required	No
Repeating	No
Edits	Must be 10 digits Must be numeric
Related NPI Application Section	Section 3 A

<b>XML Element</b>	<b>CGIAMS27420500_2100CA_PER08_CommunicationNumber</b>
NPI Application Equalivent Field Name	Fax Number

<b>XML Element</b>	<b>CGIAMS27420600_2100CA_DMGO2_ProviderBirthDate<sup>4</sup></b>
Description	Provider's date of birth
Valid Values	N/A
Required	Yes – for Entity Type 1 providers
Repeating	No
Edits	Must be a valid date Must be in mm/dd/ccyy format Must be 18 or more years prior to system date (i.e., provider must be at least 18 years old)
Related NPI Application Section	Section 2 A
NPI Application Equalivent Field Name	Individual Date of Birth

<b>XML Element</b>	<b>CGIAMS27420600_2100CA_DMGO3_ProviderGenderCode</b>
Description	Provider's gender
Valid Values	F (Female) M (Male)
Required	Yes – for Entity Type 1 providers
Repeating	No
Edits	Must be a valid value
Related NPI Application Section	Section 2 A
NPI Application Equalivent Field Name	Individual Provider Gender

<b>XML Element</b>	<b>CGIAMS27420700_2100CA_API02_ActionCode</b>
Description	Intermittent statuses of the application when under process (For use in the

<sup>4</sup> The Change Request XML files use the Provider Birth Date as a key field to identify an Entity Type 1 (Individual) record in the NPI System.

XML Element	CGIAMS27420700_2100CA_API02_ActionCode
	response file)
Valid Values	U (Reject) 33 (Active) A4 (Pended)
Required	Yes
Repeating	No
Edits	Must be a valid value
Related NPI Application Section	N/A
NPI Application Equalivent Field Name	N/A

XML Element	CGIAMS27420900_2100CA_DEG04_ProviderProfessionalDesignation
Description	Provider credentials
Valid Values	N/A
Required	No
Repeating	No
Edits	N/A
Related NPI Application Section	Section 2 A
NPI Application Equalivent Field Name	Individual Credential

XML Element	CGIAMS27421000_2100CA_IND01_CountryOfBirthCode
Description	Provider's country of birth
Valid Values	ISO Standard two-character Country Code
Required	Yes – for Entity Type 1 providers
Repeating	No
Edits	Must be a valid value
Related NPI Application Section	Section 2 A
NPI Application Equalivent Field Name	Individual Country of Birth

<b>XML Element</b>	<b>CGIAMS27421000_2100CA_IND02_StateOrProvinceOfBirthCode</b>
Description	Provider's state of birth
Valid Values	ISO Standard two-character State Code
Required	Yes – If Country of Birth is United States
Repeating	No
Edits	Must be a valid value Country of Birth must be United States
Related NPI Application Section	Section 2 A
NPI Application Equalivent Field Name	Individual State of Birth

<b>XML Element</b>	<b>CGIAMS27421200_2100CA_DTP03_DateTimePeriod</b>
Description	Date record last updated by the NPI System (For use in the response file only)
Valid Values	System Generated
Required	Yes
Repeating	No
Edits	No
Related NPI Application Section	N/A
NPI Application Equalivent Field Name	N/A

<b>XML Element</b>	<b>CGIAMS27421400_2100CA_CRC03_ConditionIndicator</b>
Description	Operation Indicator Code (For response file only)
Valid Values	See Chapter 10
Required	Yes
Repeating	No
Edits	N/A
Related NPI Application Section	N/A
NPI Application Equalivent Field Name	N/A

XML Element	CGIAMS27422100_2110CA_NX101_AddressTypeCode
Description	Code describing the provider's address
Valid Values	31 (mailing)
Required	Yes
Repeating	No
Edits	Must be a valid value
Related NPI Application Section	N/A
NPI Application Equalivent Field Name	N/A

XML Element	CGIAMS27422300_2110CA_N301_ProviderAddressLine
Description	Mailing address street line 1
Valid Values	N/A
Required	Yes
Repeating	No
Edits	N/A
Related NPI Application Section	Section 3 A
NPI Application Equalivent Field Name	Mailing Address Line 1

XML Element	CGIAMS27422300_2110CA_N302_ProviderAddressLine
Description	Mailing address street line 2
Valid Values	N/A
Required	No
Repeating	No
Edits	N/A
Related NPI Application Section	Section 3 A
NPI Application Equalivent Field Name	Mailing Address Line 2

XML Element	CGIAMS27422400_2110CA_N401_ProviderCityName
Description	Mailing address city

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<b>XML Element</b>	<b>CGIAMS27422400_2110CA_N401_ProviderCityName</b>
Valid Values	N/A
Required	Yes
Repeating	No
Edits	Must be entered
Related NPI Application Section	Section 3 A
NPI Application Equalivent Field Name	City

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<b>XML Element</b>	<b>CGIAMS27422400_2110CA_N402_ProviderStateCode</b>
Description	Mailing address state or province /territory
Valid Values	Two-character state abbreviations (for domestic addresses) or two-character ISO Standard province /territory code (for foreign addresses)
Required	Yes
Repeating	No
Edits	Must be a valid value
Related NPI Application Section	Section 3 A
NPI Application Equalivent Field Name	State

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<b>XML Element</b>	<b>CGIAMS27422400_2110CA_N403_ProviderPostalZoneOrZipCode</b>
Description	Mailing address postal code
Valid Values	N/A
Required	Yes
Repeating	No
Edits	Must be numeric First 5 digits required
Related NPI Application Section	Section 3 A
NPI Application Equalivent Field Name	Zip+4 or Foreign Postal Code

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<b>XML Element</b>	<b>CGIAMS27422400_2110CA_N404_ProviderCountryCode</b>
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XML Element	CGIAMS27422400_2110CA_N404_ProviderCountryCode
Description	Mailing address two character country code
Valid Values	ISO Standard two-character Country code
Required	Yes
Repeating	No
Edits	Must be a valid value
Related NPI Application Section	Section 3 A
NPI Application Equalivent Field Name	Country Name

XML Element	CGIAMS27422600_2120CA_LQ01_CodeListQualifierCode
Description	Provider Type (first two digits of the taxonomy code)
Valid Values	See <a href="http://www.wpc-edi.com/codes/taxonomy">http://www.wpc-edi.com/codes/taxonomy</a>
Required	Yes
Repeating	Yes
Edits	Must be a valid value
Related NPI Application Section	Section 3 D
NPI Application Equalivent Field Name	Primary Provider Taxonomy Code

XML Element	CGIAMS27422600_2120CA_LQ02_ProviderSpecialityCode
Description	Taxonomy Code
Valid Values	See <a href="http://www.wpc-edi.com/codes/taxonomy">http://www.wpc-edi.com/codes/taxonomy</a>
Required	Yes
Repeating	Yes
Edits	Must be a valid value
Related NPI Application Section	Section 3 D
NPI Application Equalivent Field Name	Primary Provider Taxonomy Code

XML Element	CGIAMS27423200_2130CA_HPL02_ProviderIdentificationNumber
Description	License Number

<b>XML Element</b>	<b>CGIAMS27423200_2130CA_HPL02_ProviderIdentificationNumber</b>
Valid Values	N/A
Required	Yes – For certain individual taxonomy codes
Repeating	No
Edits	License Number is entered
Related NPI Application Section	Section 3 D
NPI Application Equalivent Field Name	License Number

<b>XML Element</b>	<b>CGIAMS27423200_2130CA_HPL04_IssuingStateCode</b>
Description	Two character code for the state where the license was issued
Valid Values	ISO Standard two-character State code
Required	Yes – If a license number is provided
Repeating	No
Edits	Must have a License Number
Related NPI Application Section	Section 3 D
NPI Application Equalivent Field Name	State where issued

XML Element	CGIAMS27423400_2140CA_REF01_ReferenceIdentificationQualifier
Description	Type of other identificaiton number
Valid Values	1C (Medicare) 1D (Medicaid) 1G (UPIN) EI (EIN) <sup>5</sup> SY (SSN) <sup>6</sup> TJ (ITIN) <sup>7</sup> G2 (Other) TX (Other) VT (Other)
Required	No
Repeating	Yes
Edits	Must be a valid value
Related NPI Application Section	Section 2 A \ Section 2 B \ Section 3 C
NPI Application Equalivent Field Name	SY (SSN) \EI (EIN) \ Number Type (Medicare, UPIN, Medicaid)

XML Element	CGIAMS27423400_2140CA_REF02_ProviderIdentifier
Description	Other identification number
Valid Values	N/A
Required	Entity Type 1 – SY (SSN) Entitiy Type 2 – EI (EIN)
Repeating	Yes – IC, ID, IG, G2 (see valid values in XML Element CGIAMS27423400_2140CA_REF01_ReferenceIdentificationQualifier

<sup>5</sup> The Change Request XML files use the Reference Identification Qualifier EI (EIN) as a key field to identify an Entity Type 2 (Organization) record in the NPI System.

<sup>6</sup> The Change Request XML files use the Reference Identification Qualifier SY (SSN) as a key field to identify an Entity Type 1 (Individual) record in the NPI System. If a record has an SSN value in the NPI System and a change request has both the SSN and an ITIN, the NPI System will use the SSN as a key field comparison and will not replace the SSN with the ITIN. The SSN will never be replaced with the ITIN.

<sup>7</sup> The New Application XML files that only use the Reference Identification Qualifier TJ (ITIN) as a key field to identify an Entity Type 1 (Individual) record in the NPI System will reject. Only SSNs are acceptable identification qualifiers for individuals. If a record has both an ITIN and SSN value the NPI System will use the SSN and ignore the ITIN.

XML Element	CGIAMS27423400_2140CA_REF02_ProviderIdentifier
Edits	Must be 9 digits if SY(SSN) May only contain numbers SY(SSN) Must be 9 digits EI (EIN) May only contain numbers EI (EIN)
Related NPI Application Section	Section 2 A \ Section 2 B \ Section 3 C
NPI Application Equalivent Field Name	SY (SSN) \EI (EIN) \ Number (all other types)
XML Element	CGIAMS27423400_2140CA_REF03_Description
Description	Two-character code for the State where the Medicaid number was issued (if the other identification number is type 1D) or description of the identifier if the Other number was issued (if the other identification number is G2, TX, or VT)
Valid Values	ISO Standard two-character State code
Required	If a number type of 1D (Medicaid) is used If a number type of G2, TX, VT (Other)is used
Repeating	Yes
Edits	Must be a valid two-character state code if a number type of 1D (Medicaid) is used Must be have data entered if a number type of G2, TX, VT (Other) is used
Related NPI Application Section	Section 3 C
NPI Application Equalivent Field Name	State
XML Element	CGIAMS27420300_2100CD_NM101_EntityIdentifierCode
Description	Type of affiliated entity
Valid Values	J2 (Authorized Official) VI (Contact Person) XD (Other Name)
Required	Yes
Repeating	No
Edits	Must be a valid value
Related NPI Application Section	N/A

XML Element	CGIAMS27420300_2100CD_NM101_EntityIdentifierCode
NPI Application Equalivent Field Name	N/A

XML Element	CGIAMS27420300_2100CD_NM103_AffiliatedEntityLastOrOrganizationName
Description	Last name of affiliated individual or full name of affiliated organization
Valid Values	N/A
Required	Yes
Repeating	No
Edits	Must be entered
Related NPI Application Section	Section 5 (Contact Person) / Section 4B (Authorized Official)
NPI Application Equalivent Field Name	Last Name

XML Element	CGIAMS27420300_2100CD_NM104_AffiliatedEntityFirstName
Description	First name of affiliated individual
Valid Values	N/A
Required	Yes
Repeating	No
Edits	Must be entered
Related NPI Application Section	Section 5 (Contact Person) / Section 4B (Authorized Official)
NPI Application Equalivent Field Name	First Name

XML Element	CGIAMS27420300_2100CD_NM105_AffiliatedEntityMiddleName
Description	Middle name of affiliated individual
Valid Values	N/A
Required	No
Repeating	No
Edits	N/A
Related NPI Application Section	Section 5 (Contact Person) / Section 4B (Authorized Official)

<b>XML Element</b>	<b>CGIAMS27420300_2100CD_NM105_AffiliatedEntityMiddleName</b>
NPI Application Equalivent Field Name	Middle Name

<b>XML Element</b>	<b>CGIAMS27420300_2100CD_NM106_AffiliatedEntityNamePrefix</b>
Description	Name prefix of affiliated individual
Valid Values	Ms., Mr., Miss, Mrs., Dr., Prof.
Required	No
Repeating	No
Edits	Must be a valid value
Related NPI Application Section	Section 5 (Contact Person) / Section 4B (Authorized Official)
NPI Application Equalivent Field Name	Prefix

<b>XML Element</b>	<b>CGIAMS27420300_2100CD_NM107_AffiliatedEntityNameSuffix</b>
Description	Name suffix of affiliated individual
Valid Values	Jr., Sr., I, II, III, IV, V, VI, VII, VIII, IX, X
Required	No
Repeating	No
Edits	Must be a valid value
Related NPI Application Section	Section 5 (Contact Person) / Section 4B (Authorized Official)
NPI Application Equalivent Field Name	Suffix

<b>XML Element</b>	<b>CGIAMS27420500_2100CD_PER03_CommunicationNumberQualifier</b>
Description	Type of affiliated individual communication number
Valid Values	EM (E-mail address) TE (Phone Number)
Required	Yes
Repeating	No
Edits	Must be a valid value
Related NPI Application Section	N/A

XML Element	CGIAMS27420500_2100CD_PER03_CommunicationNumberQualifier
NPI Application Equalivent Field Name	N/A

XML Element	CGIAMS27420500_2100CD_PER04_CommunicationNumber
Description	Affiliated individual communication number
Valid Values	N/A
Required	Yes
Repeating	No
Edits	Must be 10 digits May only contain numbers
Related NPI Application Section	Section 5 (Contact Person) / Section 4B (Authorized Official)
NPI Application Equalivent Field Name	Telephone Number

XML Element	CGIAMS27420500_2100CD_PER05_CommunicationNumberQualifier
Description	Type of affiliated individual communication number
Valid Values	EM (E-mail address) EX (Extension) FX (Fax number) TE (Phone number)
Required	No
Repeating	No
Edits	Must be a valid value
Related NPI Application Section	N/A
NPI Application Equalivent Field Name	N/A

XML Element	CGIAMS27420500_2100CD_PER06_CommunicationNumber
Description	Affiliated individual communication number
Valid Values	N/A
Required	No

XML Element	CGIAMS27420500_2100CD_PER06_CommunicationNumber
Repeating	No
Edits	Extension must be numeric
Related NPI Application Section	Section 5 (Contact Person) / Section 4B (Authorized Official)
NPI Application Equalivent Field Name	Telephone Number

XML Element	CGIAMS27420500_2100CD_PER07_CommunicationNumberQualifier
Description	Type of affiliated individual communication number
Valid Values	EM (E-mail address) EX (Extension) FX (Fax number) TE (Phone number)
Required	No
Repeating	No
Edits	Must be a valid value
Related NPI Application Section	N/A
NPI Application Equalivent Field Name	N/A

XML Element	CGIAMS27420500_2100CD_PER08_CommunicationNumber
Description	Affiliated individual communication number
Valid Values	N/A
Required	No
Repeating	No
Edits	Must be 10 digits May only contain numbers
Related NPI Application Section	Section 5 (Contact Person) / Section 4B (Authorized Official)
NPI Application Equalivent Field Name	Fax Number

XML Element	CGIAMS27420600_2100CD_DEG04_Description
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<b>XML Element</b>	<b>CGIAMS27420600_2100CD_DEG04_Description</b>
Description	Credentials for affiliated individual
Valid Values	N/A
Required	No
Repeating	No
Edits	N/A
Related NPI Application Section	Section 5 (Contact Person) / Section 4B (Authorized Official)
NPI Application Equalivent Field Name	Credentials

<b>XML Element</b>	<b>CGIAMS27421300_2100CD_MTX02_TextualData</b>
Description	Title for affiliated individual
Valid Values	N/A
Required	Yes
Repeating	No
Edits	Must be entered
Related NPI Application Section	Section 5 (Contact Person) / Section 4B (Authorized Official)
NPI Application Equalivent Field Name	Title/Position

<b>XML Element</b>	<b>CGIAMS27420500_2100DA_PER03_CommunicationNumberQualifier</b>
Description	Type of practice location communication number
Valid Values	EM (E-mail address) TE (Phone Number)
Required	Yes
Repeating	No
Edits	Must be a valid value
Related NPI Application Section	N/A
NPI Application Equalivent Field Name	N/A

XML Element	CGIAMS27420500_2100DA_PER04_CommunicationNumber
Description	Practice location communication number
Valid Values	N/A
Required	Yes
Repeating	No
Edits	Must be 10 digits May only contain numbers
Related NPI Application Section	Section 3 B
NPI Application Equalivent Field Name	Telephone Number

XML Element	CGIAMS27420500_2100DA_PER05_CommunicationNumberQualifier
Description	Type of practicelocation communication number
Valid Values	EM (E-mail address) EX (Extension) FX (Fax number) TE (Phone number)
Required	No
Repeating	No
Edits	Must be a valid value
Related NPI Application Section	N/A
NPI Application Equalivent Field Name	N/A

XML Element	CGIAMS27420500_2100DA_PER06_CommunicationNumber
Description	Practice location communication number
Valid Values	N/A
Required	No
Repeating	No
Edits	Must be numeric
Related NPI Application Section	Section 3 B

XML Element	CGIAMS27420500_2100DA_PER06_CommunicationNumber
NPI Application Equalivent Field Name	Telephone Number

XML Element	CGIAMS27420500_2100DA_PER07_CommunicationNumberQualifier
Description	Type of practice location communication number
Valid Values	EM (E-mail address) EX (Extension) FX (Fax number) TE (Phone number)
Required	No
Repeating	No
Edits	Must be a valid value
Related NPI Application Section	N/A
NPI Application Equalivent Field Name	N/A

XML Element	CGIAMS27420500_2100DA_PER08_CommunicationNumber
Description	Practice location communication number
Valid Values	N/A
Required	No
Repeating	No
Edits	Must be 10 digits May only contain numbers
Related NPI Application Section	Section 3 B
NPI Application Equalivent Field Name	Fax Number

XML Element	CGIAMS27422300_2110DA_N301_SiteOrLocationAddressLine
Description	Practice location address street line 1
Valid Values	N/A
Required	Yes

<b>XML Element</b>	<b>CGIAMS27422300_2110DA_N301_SiteOrLocationAddressLine</b>
Repeating	No
Edits	May not be a PO Box
Related NPI Application Section	Section 3 B
NPI Application Equalivent Field Name	Primary Practice Location Address Line 1

<b>XML Element</b>	<b>CGIAMS27422300_2110DA_N302_SiteOrLocationAddressLine</b>
Description	Practice location address street line 2
Valid Values	N/A
Required	No
Repeating	No
Edits	May not be a PO Box
Related NPI Application Section	Section 3 B
NPI Application Equalivent Field Name	Primary Practice Location Address Line 2

<b>XML Element</b>	<b>CGIAMS27422400_2110DA_N401_SiteOrLocationCityName</b>
Description	Practice location address city
Valid Values	N/A
Required	Yes
Repeating	No
Edits	N/A
Related NPI Application Section	Section 3 B
NPI Application Equalivent Field Name	City

<b>XML Element</b>	<b>CGIAMS27422400_2110DA_N402_SiteOrLocationStateCode</b>
Description	Practice location address state or province/territory code
Valid Values	ISO Standard two-character state code (for domestic addresses) or ISO Standard province/territory cod (for foreign addresses)
Required	Yes

---

<b>XML Element</b>	<b>CGIAMS27422400_2110DA_N402_SiteOrLocationStateCode</b>
Repeating	No
Edits	Must be a valid value
Related NPI Application Section	Section 3 B
NPI Application Equalivent Field Name	State

---

---

<b>XML Element</b>	<b>CGIAMS27422400_2110DA_N403_SiteOrLocationPostalZoneOrZipCode</b>
Description	Practice location address postal code
Valid Values	N/A
Required	Yes
Repeating	No
Edits	Must be numeric Must have first 5 digits
Related NPI Application Section	Section 3 B
NPI Application Equalivent Field Name	ZIP+4 OR Foreign Postal Code

---

---

<b>XML Element</b>	<b>CGIAMS27422400_2110DA_N404_SiteOrLocationCountryCode</b>
Description	Practice location address country code
Valid Values	ISO Standard two-character country code
Required	Yes
Repeating	No
Edits	Must be a valid value
Related NPI Application Section	Section 3 B
NPI Application Equalivent Field Name	Country Name

---

---

<b>XML Element</b>	<b>CGIAMS27422600_2120EA_LQ01_CodeListQualifierCode</b>
Description	Provider Type (first two digits of the taxonomy code) repeated for Group Practices
Valid Values	See <a href="http://www.wpc-edi.com/codes/taxonomy">http://www.wpc-edi.com/codes/taxonomy</a>

---

XML Element	CGIAMS27422600_2120EA_LQ01_CodeListQualifierCode
Required	Yes – for Entity Type 2 providers
Repeating	No
Edits	Must be valid value
Related NPI Application Section	Section 3 D
NPI Application Equalivent Field Name	Primary Provider Taxonomy Code

XML Element	CGIAMS27422600_2120EA_LQ02_ProviderGroupSpecialtyCode <sup>8</sup>
Description	Taxonomy code repeated for Group Practices
Valid Values	See <a href="http://www.wpc-edi.com/codes/taxonomy">http://www.wpc-edi.com/codes/taxonomy</a>
Required	Yes – for Entity Type 2 providers
Repeating	No
Edits	Must be valid value
Related NPI Application Section	Section 3 D
NPI Application Equalivent Field Name	Primary Provider Taxonomy Code

## 9.2 XML Schema

This is the schema the EFI Organizations must use to create their XML files. Any failure to comply with what is noted below will result in a rejected EFI file. Additional information can be found in the Technical Companion Guide.

```
<?xml version="1.0" encoding="UTF-8"?>
<!-- edited with XMLSpy v2005 rel. 3 U (http://www.altova.com) by CGI-AMS (CGI-AMS) -->
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" elementFormDefault="qualified"
attributeFormDefault="unqualified">
  <xs:element name="CMS274">
    <xs:annotation>
      <xs:documentation>Health Care Provider Information - Root
Element</xs:documentation>
    </xs:annotation>
  </xs:element>
</xs:schema>
```

<sup>8</sup> The state and license number for group taxonomies are entered under XML Element CGIAMS27423200\_2130CA\_HPL04\_IssuingStateCode and CGIAMS27423200\_2130CA\_HPL02\_ProviderIdentificationNumber.



```

                <xs:enumeration value="R1"/>
                <xs:enumeration value="R2"/>
                <!--<xs:enumeration value="72"/>-->
            </xs:restriction>
        </xs:simpleType>
    </xs:attribute>
</xs:complexType>
</xs:element>
<xs:element name="CMS27420100_2000A">
    <xs:annotation>
        <xs:documentation>Submitter Level</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="CMS27420300_2100AA_NM1_SubmitterName"
minOccurs="0"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="CMS27420300_2100AA">
    <xs:annotation>
        <xs:documentation>Submitter Name</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="CMS27420300_2100AA_NM1_SubmitterName"
minOccurs="0"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="CMS27420300_2100AA_NM1_SubmitterName">
    <xs:annotation>
        <xs:documentation>Submitter Name</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:attribute name="CMS27420300_2100AA_NM109_SubmitterIdentifier"
use="required">
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:maxLength value="80"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
    </xs:complexType>
</xs:element>

```

```
<xs:element name="CMS27420100_2000C">
  <xs:annotation>
    <xs:documentation>Provider Hierarchical Level</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="CMS27420100_2000C_TRN_ProviderTracking"
minOccurs="0"/>
      <xs:element ref="CMS27420300_2100CA"/>
      <xs:element ref="CMS27420300_2100CD" maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
<xs:element name="CMS27420100_2000C_TRN_ProviderTracking">
  <xs:annotation>
    <xs:documentation>Provider Tracking</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:attribute name="CMS27420100_2000C_TRN02_ReferenceIdentification"
use="required">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="50"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
  </xs:complexType>
</xs:element>
<xs:element name="CMS27420300_2100CA">
  <xs:annotation>
    <xs:documentation>Provider Name</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:sequence>
      <xs:element ref="CMS27420300_2100CA_NM1_ProviderName"/>
      <xs:element
ref="CMS27420400_2100CA_N2_AdditionalProviderNameInformation" minOccurs="0"/>
      <xs:element
ref="CMS27420500_2100CA_PER_ProviderCommunicationsContact" minOccurs="0"/>
      <xs:element
ref="CMS27420600_2100CA_DMG_ProviderSDemographicInformation" minOccurs="0"/>
      <xs:element ref="CMS27420700_2100CA_API_RequestStatus"
minOccurs="0"/>
      <xs:element
ref="CMS27420900_2100CA_DEG_ProviderSDegreeInformation" minOccurs="0" maxOccurs="9"/>
    </xs:sequence>
  </xs:complexType>
</xs:element>
```

```

        <xs:element
ref="CMS27421000_2100CA_IND_ProviderSPlaceOfBirthInformation" minOccurs="0"/>
        <xs:element ref="CMS27421200_2100CA_DTP_ProviderSActionDate"
minOccurs="0"/>
        <!--<xs:element
ref="CMS27421300_2100CA_MTX_RequestStatusAdditionalDetail" minOccurs="0"/>-->
        <xs:element
ref="CMS27421400_2100CA_CRC_EFIProcessingStatusAdditional" minOccurs="0"/>
        <xs:element ref="CMS27422100_2110CA" maxOccurs="2"/>
        <xs:element ref="CMS27422600_2120CA" maxOccurs="unbounded"/>
        <xs:element ref="CMS27423200_2130CA" maxOccurs="99"/>
        <xs:element ref="CMS27423400_2140CA" minOccurs="0"
maxOccurs="unbounded"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="CMS27420300_2100CA_NM1_ProviderName">
    <xs:annotation>
        <xs:documentation>Provider Name</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:attribute name="CMS27420300_2100CA_NM102_EntityTypeQualifier"
use="required">
            <xs:simpleType>
                <xs:restriction base="xs:int">
                    <xs:totalDigits value="1"/>
                    <xs:enumeration value="1"/>
                    <xs:enumeration value="2"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
        <xs:attribute
name="CMS27420300_2100CA_NM103_ProviderLastOrOrganizationName" use="required">
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:maxLength value="60"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
        <xs:attribute name="CMS27420300_2100CA_NM104_ProviderFirstName"
use="optional">
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:minLength value="1"/>
                    <xs:maxLength value="35"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
    </xs:complexType>
</xs:element>

```

```

        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
<xs:attribute name="CMS27420300_2100CA_NM105_ProviderMiddleName"
use="optional">
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="25"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
<xs:attribute name="CMS27420300_2100CA_NM106_ProviderNamePrefix"
use="optional">
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="10"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
<xs:attribute name="CMS27420300_2100CA_NM107_ProviderNameSuffix"
use="optional">
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="10"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
<xs:attribute
name="CMS27420300_2100CA_NM108_IdentificationCodeQualifier" use="optional">
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="2"/>
            <xs:enumeration value="24"/>
            <xs:enumeration value="34"/>
            <xs:enumeration value="FI"/>
            <xs:enumeration value="TA"/>
            <xs:enumeration value="UP"/>
            <xs:enumeration value="XX"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>

```

```
<xs:attribute name="CMS27420300_2100CA_NM109_ProviderIdentifier"
use="optional">
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="80"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
</xs:complexType>
</xs:element>
<xs:element name="CMS27420400_2100CA_N2_AdditionalProviderNameInformation">
    <xs:annotation>
        <xs:documentation>Additional Provider Name Information</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:attribute
name="CMS27420400_2100CA_N202_ProviderDoingBusinessAsOrTradeName" use="optional">
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:maxLength value="60"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
    </xs:complexType>
</xs:element>
<xs:element name="CMS27420500_2100CA_PER_ProviderCommunicationsContact">
    <xs:annotation>
        <xs:documentation>Provider Communications Contact</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:attribute
name="CMS27420500_2100CA_PER03_CommunicationNumberQualifier" use="required">
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:maxLength value="2"/>
                    <xs:enumeration value="EM"/>
                    <xs:enumeration value="TE"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
        <xs:attribute name="CMS27420500_2100CA_PER04_CommunicationNumber"
use="required">
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:maxLength value="256"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
    </xs:complexType>
</xs:element>
```

```

        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:attribute
name="CMS27420500_2100CA_PER05_CommunicationNumberQualifier" use="optional">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="2"/>
          <xs:enumeration value="EM"/>
          <xs:enumeration value="EX"/>
          <xs:enumeration value="FX"/>
          <xs:enumeration value="TE"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="CMS27420500_2100CA_PER06_CommunicationNumber"
use="optional">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="256"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:attribute
name="CMS27420500_2100CA_PER07_CommunicationNumberQualifier" use="optional">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="2"/>
          <xs:enumeration value="EM"/>
          <xs:enumeration value="EX"/>
          <xs:enumeration value="FX"/>
          <xs:enumeration value="TE"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="CMS27420500_2100CA_PER08_CommunicationNumber"
use="optional">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="256"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
  </xs:complexType>
</xs:element>
```

```
<xs:element name="CMS27420600_2100CA_DMG_ProviderSDemographicInformation">
  <xs:annotation>
    <xs:documentation>Provider's Demographic Information</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:attribute name="CMS27420600_2100CA_DMG02_ProviderBirthDate"
use="required">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="35"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="CMS27420600_2100CA_DMG03_ProviderGenderCode"
use="required">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="1"/>
          <xs:enumeration value="F"/>
          <xs:enumeration value="M"/>
          <xs:enumeration value="U"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
  </xs:complexType>
</xs:element>
<xs:element name="CMS27420700_2100CA_API_RequestStatus">
  <xs:annotation>
    <xs:documentation>Request Status</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:attribute name="CMS27420700_2100CA_API02_ActionCode"
use="required">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="2"/>
          <xs:enumeration value="U"/>
          <xs:enumeration value="33"/>
          <xs:enumeration value="A4"/>
          <!--<xs:enumeration value="IA"/>-->
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <!--<xs:attribute name="CMS27420700_2100CA_API04_StatusReasonCode"
use="optional">
```

```
<xs:simpleType>
  <xs:restriction base="xs:string">
    <xs:maxLength value="3"/>
    <xs:enumeration value="030"/>
    <xs:enumeration value="A13"/>
    <xs:enumeration value="C20"/>
    <xs:enumeration value="EB1"/>
  </xs:restriction>
</xs:simpleType>
</xs:attribute-->
</xs:complexType>
</xs:element>
<xs:element name="CMS27420900_2100CA_DEG_ProviderSDegreeInformation">
  <xs:annotation>
    <xs:documentation>Provider's Degree Information</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:attribute
name="CMS27420900_2100CA_DEG04_ProviderProfessionalDesignation" use="required">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="80"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
  </xs:complexType>
</xs:element>
<xs:element name="CMS27421000_2100CA_IND_ProviderSPlaceOfBirthInformation">
  <xs:annotation>
    <xs:documentation>Provider's Place of Birth Information</xs:documentation>
  </xs:annotation>
  <xs:complexType>
    <xs:attribute name="CMS27421000_2100CA_IND01_CountryOfBirthCode"
use="required">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="3"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
    <xs:attribute
name="CMS27421000_2100CA_IND02_StateOrProvinceOfBirthCode" use="optional">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:maxLength value="2"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:attribute>
  </xs:complexType>
</xs:element>
```

```

        </xs:restriction>
        </xs:simpleType>
        </xs:attribute>
    </xs:complexType>
</xs:element>
<xs:element name="CMS27421200_2100CA_DTP_ProviderSActionDate">
    <xs:annotation>
        <xs:documentation>Provider's Action Date</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:attribute name="CMS27421200_2100CA_DTP03_DateTimePeriod"
use="required">
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:maxLength value="35"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
    </xs:complexType>
</xs:element>
<!--<xs:element name="CMS27421300_2100CA_MTX_RequestStatusAdditionalDetail">
    <xs:annotation>
        <xs:documentation>Request Status Additional Detail</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:attribute name="CMS27421300_2100CA_MTX02_TextualData"
use="required">
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:maxLength value="4096"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
    </xs:complexType>
</xs:element-->
<xs:element name="CMS27421400_2100CA_CRC_EFIProcessingStatusAdditional">
    <xs:annotation>
        <xs:documentation>EFI Processing Status Additional</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:attribute name="CMS27421400_2100CA_CRC03_ConditionIndicator"
use="required">
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:maxLength value="3"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
    </xs:complexType>
</xs:element-->
```

```
<xs:enumeration value="OK"/>
<xs:enumeration value="ER"/>
<xs:enumeration value="01"/>
<xs:enumeration value="02"/>
<xs:enumeration value="03"/>
<xs:enumeration value="04"/>
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<xs:enumeration value="06"/>
<xs:enumeration value="07"/>
<xs:enumeration value="08"/>
<xs:enumeration value="09"/>
<xs:enumeration value="10"/>
<!--<xs:enumeration value="11"/>-->
<xs:enumeration value="12"/>
<xs:enumeration value="13"/>
<xs:enumeration value="14"/>
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<xs:enumeration value="10"/>
<xs:enumeration value="11"/>
<xs:enumeration value="12"/>
<xs:enumeration value="13"/>
</xs:restriction>
</xs:simpleType>
</xs:attribute>
</xs:complexType>
</xs:element>
<xs:element name="CMS27422100_2110CA">
<xs:annotation>
```

```

        <xs:documentation>Provider Address Type</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element
ref="CMS27422100_2110CA_NX1_ProviderAddressType"/>
            <xs:element
ref="CMS27422300_2110CA_N3_ProviderSStreetAddress"/>
            <xs:element
ref="CMS27422400_2110CA_N4_ProviderSGeographicLocation"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="CMS27422100_2110CA_NX1_ProviderAddressType">
    <xs:annotation>
        <xs:documentation>Provider Address Type</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:attribute name="CMS27422100_2110CA_NX101_AddressTypeCode"
use="required">
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:maxLength value="3"/>
                    <xs:enumeration value="31"/>
                    <xs:enumeration value="8B"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
    </xs:complexType>
</xs:element>
<xs:element name="CMS27422300_2110CA_N3_ProviderSStreetAddress">
    <xs:annotation>
        <xs:documentation>Provider's Street Address</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:attribute name="CMS27422300_2110CA_N301_ProviderAddressLine"
use="required">
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:maxLength value="55"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
        <xs:attribute name="CMS27422300_2110CA_N302_ProviderAddressLine"
use="optional">
```

```

        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:maxLength value="55"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:attribute>
</xs:complexType>
</xs:element>
<xs:element name="CMS27422400_2110CA_N4_ProviderSGeographicLocation">
    <xs:annotation>
        <xs:documentation>Provider's Geographic Location</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:attribute name="CMS27422400_2110CA_N401_ProviderCityName"
use="required">
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:maxLength value="30"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
        <xs:attribute name="CMS27422400_2110CA_N402_ProviderStateCode"
use="required">
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:maxLength value="2"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
        <xs:attribute
name="CMS27422400_2110CA_N403_ProviderPostalZoneOrZipCode" use="required">
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:maxLength value="15"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
        <xs:attribute name="CMS27422400_2110CA_N404_ProviderCountryCode"
use="optional">
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:maxLength value="3"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>

```

```

    </xs:complexType>
  </xs:element>
  <xs:element name="CMS27422600_2120CA">
    <xs:annotation>
      <xs:documentation>Provider's Area of Specialization</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element
ref="CMS27422600_2120CA_LQ_ProviderSAreaOfSpecialization"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="CMS27422600_2120CA_LQ_ProviderSAreaOfSpecialization">
    <xs:annotation>
      <xs:documentation>Provider's Area of Specialization</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:attribute name="CMS27422600_2120CA_LQ01_CodeListQualifierCode"
use="required">
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:totalDigits value="3"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:attribute>
      <xs:attribute name="CMS27422600_2120CA_LQ02_ProviderSpecialityCode"
use="required">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:maxLength value="30"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:attribute>
    </xs:complexType>
  </xs:element>
  <xs:element name="CMS27423200_2130CA">
    <xs:annotation>
      <xs:documentation>Provider
License/Certification/Registration</xs:documentation>
    </xs:annotation>
    <xs:complexType>
      <xs:sequence>
        <xs:element
ref="CMS27423200_2130CA_HPL_ProviderLicenseCertificationRegistration" minOccurs="0"/>

```

```

        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="CMS27423200_2130CA_HPL_ProviderLicenseCertificationRegistration">
    <xs:annotation>
        <xs:documentation>Provider
License/Certification/Registration</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:attribute
name="CMS27423200_2130CA_HPL02_ProviderIdentificationNumber" use="required">
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:maxLength value="50"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
        <xs:attribute name="CMS27423200_2130CA_HPL04_IssuingStateCode"
use="optional">
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:maxLength value="2"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
    </xs:complexType>
</xs:element>
<xs:element name="CMS27423400_2140CA">
    <xs:annotation>
        <xs:documentation>Provider Identification Numbers</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element
ref="CMS27423400_2140CA_REF_ProviderIdentificationNumbers"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="CMS27423400_2140CA_REF_ProviderIdentificationNumbers">
    <xs:annotation>
        <xs:documentation>Provider Identification Numbers</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:attribute
name="CMS27423400_2140CA_REF01_ReferenceIdentificationQualifier" use="required">
```



```

        <xs:element
ref="CMS27420500_2100CD_PER_AffiliatedEntityContactInformation" minOccurs="0"/>
        <xs:element
ref="CMS27420600_2100CD_DEG_AffiliatedEntitySCredentials" minOccurs="0"/>
        <xs:element
ref="CMS27421300_2100CD_MTX_AffiliatedEntitySTitle" minOccurs="0"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="CMS27420300_2100CD_NM1_AffiliatedEntityName">
    <xs:annotation>
        <xs:documentation>Affiliated Entity Name</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:attribute name="CMS27420300_2100CD_NM101_EntityIdentifierCode"
use="required">
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:maxLength value="3"/>
                    <xs:enumeration value="1K"/>
                    <xs:enumeration value="2D"/>
                    <xs:enumeration value="2K"/>
                    <xs:enumeration value="80"/>
                    <xs:enumeration value="87"/>
                    <xs:enumeration value="BB"/>
                    <xs:enumeration value="BV"/>
                    <xs:enumeration value="LZ"/>
                    <xs:enumeration value="NK"/>
                    <xs:enumeration value="NN"/>
                    <xs:enumeration value="S0"/>
                    <xs:enumeration value="J2"/>
                    <xs:enumeration value="XD"/>
                    <xs:enumeration value="VI"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
        <xs:attribute
name="CMS27420300_2100CD_NM103_AffiliatedEntityLastOrOrganizationName" use="required">
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:maxLength value="60"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
    </xs:complexType>
</xs:element>

```

```

        <xs:attribute
name="CMS27420300_2100CD_NM104_AffiliatedEntityFirstName" use="optional">
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:maxLength value="35"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:attribute>
    <xs:attribute
name="CMS27420300_2100CD_NM105_AffiliatedEntityMiddleName" use="optional">
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:maxLength value="25"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:attribute>
    <xs:attribute
name="CMS27420300_2100CD_NM106_AffiliatedEntityNamePrefix" use="optional">
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:maxLength value="10"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:attribute>
    <xs:attribute
name="CMS27420300_2100CD_NM107_AffiliatedEntityNameSuffix" use="optional">
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:maxLength value="10"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:attribute>
</xs:complexType>
</xs:element>
<xs:element name="CMS27420500_2100CD_PER_AffiliatedEntityContactInformation">
    <xs:annotation>
        <xs:documentation>Affiliated Entity Contact Information</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:attribute
name="CMS27420500_2100CD_PER03_CommunicationNumberQualifier" use="required">
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:maxLength value="2"/>
                    <xs:enumeration value="EM"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
    </xs:complexType>
</xs:element>

```

```

        <xs:enumeration value="TE"/>
    </xs:restriction>
</xs:simpleType>
</xs:attribute>
<xs:attribute name="CMS27420500_2100CD_PER04_CommunicationNumber"
use="required">
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="256"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
<xs:attribute
name="CMS27420500_2100CD_PER05_CommunicationNumberQualifier" use="optional">
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="2"/>
            <xs:enumeration value="EM"/>
            <xs:enumeration value="EX"/>
            <xs:enumeration value="FX"/>
            <xs:enumeration value="TE"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
<xs:attribute name="CMS27420500_2100CD_PER06_CommunicationNumber"
use="optional">
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="256"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>
<xs:attribute
name="CMS27420500_2100CD_PER07_CommunicationNumberQualifier" use="optional">
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:maxLength value="2"/>
            <xs:enumeration value="EM"/>
            <xs:enumeration value="EX"/>
            <xs:enumeration value="FX"/>
            <xs:enumeration value="TE"/>
        </xs:restriction>
    </xs:simpleType>
</xs:attribute>

```

```
use="optional">
    <xs:attribute name="CMS27420500_2100CD_PER08_CommunicationNumber"
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:maxLength value="256"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:attribute>
</xs:complexType>
</xs:element>
<xs:element name="CMS27420600_2100CD_DEG_AffiliatedEntitySCredentials">
    <xs:annotation>
        <xs:documentation>Affiliated Entity's Credentials</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:attribute name="CMS27420600_2100CD_DEG04_Description"
            use="required">
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:maxLength value="80"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:attribute>
        </xs:complexType>
    </xs:element>
    <xs:element name="CMS27421300_2100CD_MTX_AffiliatedEntitySTitle">
        <xs:annotation>
            <xs:documentation>Affiliated Entity's Title</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:attribute name="CMS27421300_2100CD_MTX02_TextualData"
                use="required">
                    <xs:simpleType>
                        <xs:restriction base="xs:string">
                            <xs:maxLength value="4096"/>
                        </xs:restriction>
                    </xs:simpleType>
                </xs:attribute>
            </xs:complexType>
        </xs:element>
        <xs:element name="CMS27420100_2000D">
            <xs:annotation>
                <xs:documentation>Site Hierarchical Level</xs:documentation>
            </xs:annotation>
            <xs:complexType>
```



```

                <xs:enumeration value="EX"/>
                <xs:enumeration value="FX"/>
                <xs:enumeration value="TE"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="CMS27420500_2100DA_PER06_CommunicationNumber"
use="optional">
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            <xs:restriction base="xs:string">
                <xs:maxLength value="256"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:attribute>
    <xs:attribute
name="CMS27420500_2100DA_PER07_CommunicationNumberQualifier" use="optional">
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:maxLength value="2"/>
                <xs:enumeration value="EM"/>
                <xs:enumeration value="EX"/>
                <xs:enumeration value="FX"/>
                <xs:enumeration value="TE"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:attribute>
    <xs:attribute name="CMS27420500_2100DA_PER08_CommunicationNumber"
use="optional">
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:maxLength value="256"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:attribute>
</xs:complexType>
</xs:element>
<xs:element name="CMS27422100_2110DA">
    <xs:annotation>
        <xs:documentation>Site/Location Address Type</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element
ref="CMS27422300_2110DA_N3_SiteLocationStreetAddress"/>

```

```

        <xs:element
ref="CMS27422400_2110DA_N4_SiteLocationGeographicLocation"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="CMS27422300_2110DA_N3_SiteLocationStreetAddress">
    <xs:annotation>
        <xs:documentation>Site/Location Street Address</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:attribute
name="CMS27422300_2110DA_N301_SiteOrLocationAddressLine" use="required">
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:maxLength value="55"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
        <xs:attribute
name="CMS27422300_2110DA_N302_SiteOrLocationAddressLine" use="optional">
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:maxLength value="55"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
    </xs:complexType>
</xs:element>
<xs:element name="CMS27422400_2110DA_N4_SiteLocationGeographicLocation">
    <xs:annotation>
        <xs:documentation>Site/Locaton Geographic Location</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:attribute name="CMS27422400_2110DA_N401_SiteOrLocationCityName"
use="required">
            <xs:simpleType>
                <xs:restriction base="xs:string">
                    <xs:maxLength value="30"/>
                </xs:restriction>
            </xs:simpleType>
        </xs:attribute>
        <xs:attribute name="CMS27422400_2110DA_N402_SiteOrLocationStateCode"
use="required">
            <xs:simpleType>
                <xs:restriction base="xs:string">

```

```

                <xs:maxLength value="2"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:attribute>
    <xs:attribute
name="CMS27422400_2110DA_N403_SiteOrLocationPostalZoneOrZipCode" use="required">
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:maxLength value="15"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:attribute>
    <xs:attribute
name="CMS27422400_2110DA_N404_SiteOrLocationCountryCode" use="optional">
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:maxLength value="3"/>
            </xs:restriction>
        </xs:simpleType>
    </xs:attribute>
</xs:complexType>
</xs:element>
<xs:element name="CMS27420100_2000E">
    <xs:annotation>
        <xs:documentation>Provider Group Hierarchical Level</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="CMS27420300_2100EA"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="CMS27420300_2100EA">
    <xs:annotation>
        <xs:documentation>Provider Group Name</xs:documentation>
    </xs:annotation>
    <xs:complexType>
        <xs:sequence>
            <xs:element ref="CMS27422600_2120EA" maxOccurs="unbounded"/>
        </xs:sequence>
    </xs:complexType>
</xs:element>
<xs:element name="CMS27422600_2120EA">
    <xs:annotation>
```

```

        <xs:documentation>Provider Group's Area of
Specialization</xs:documentation>
        </xs:annotation>
        <xs:complexType>
            <xs:sequence>
                <xs:element
ref="CMS27422600_2120EA_LQ_ProviderGroupSAreaOfSpecialization" minOccurs="0"/>
            </xs:sequence>
        </xs:complexType>
    </xs:element>
    <xs:element name="CMS27422600_2120EA_LQ_ProviderGroupSAreaOfSpecialization">
        <xs:annotation>
            <xs:documentation>Provider Group's Area of
Specialization</xs:documentation>
            </xs:annotation>
            <xs:complexType>
                <xs:attribute name="CMS27422600_2120EA_LQ01_CodeListQualifierCode"
use="required">
                    <xs:simpleType>
                        <xs:restriction base="xs:int">
                            <xs:totalDigits value="3"/>
                        </xs:restriction>
                    </xs:simpleType>
                </xs:attribute>
                <xs:attribute
name="CMS27422600_2120EA_LQ02_ProviderGroupSpecialtyCode" use="required">
                    <xs:simpleType>
                        <xs:restriction base="xs:string">
                            <xs:maxLength value="30"/>
                        </xs:restriction>
                    </xs:simpleType>
                </xs:attribute>
            </xs:complexType>
        </xs:element>
    </xs:schema>
```



# 10 Operation Indicator Codes

The Operation Indicator Codes are used in the XML return file to indicate to the EFI Organization the NPI System disposition of the record. In the table below, each Operation Indicator Code is listed with the description, conditions that evoke the code, and the action to correct them.

Operation Indicator Code	01
Description	The record has failed an NPI System field edit.
Possible Causes	<p>Invalid Entity Type.</p> <p>Invalid provider name prefix for an Entity Type 1 record.</p> <p>Invalid provider name suffix for an Entity Type 1 record.</p> <p>Other Name is incomplete. Other Name information must include Other Name Type and Other Organization Name (Entity Type 2) or Other Name Type, Other First Name and Other Last Name (Entity Type 1).</p> <p>Invalid SSN format for an Entity Type 1 record.</p> <p>ITIN entered for an Entity Type 1 record.</p> <p>Invalid EIN for an Entity Type 2 record.</p> <p>Invalid EIN format for an Entity Type 2 record.</p> <p>Invalid Date of Birth for an Entity Type 1 record.</p> <p>Invalid Date of Birth format for an Entity Type 1 record.</p> <p>Invalid Country of Birth for an Entity Type 1 record.</p> <p>Invalid State of Birth for an Entity Type 1 record.</p> <p>Invalid Gender for an Entity Type 1 record.</p> <p>Invalid authorized official prefix for an Entity Type 2 record.</p> <p>Invalid authorized official suffix for an Entity Type 2 record.</p> <p>Invalid authorized official phone number for an Entity Type 2 record.</p> <p>Invalid authorized official phone number format for an Entity Type 2 record.</p> <p>Invalid Mailing Address State for either an Entity Type 1 or 2 record.</p> <p>Invalid Mailing Address Zip Code for either an Entity Type 1 or 2 record.</p> <p>Invalid Mailing Address Zip Code format for either an Entity Type 1 or 2 record.</p> <p>Invalid Mailing Address Country for either an Entity Type 1 or 2 record.</p> <p>Invalid Mailing Address Phone Number for either an Entity Type 1 or 2 record.</p> <p>Invalid Mailing Address Phone Number format for either an Entity Type 1 or 2 record</p> <p>Invalid Mailing Address Fax Number for either an Entity Type 1 or 2 record.</p> <p>Invalid Mailing Address Fax Number format for either an Entity Type 1 or 2 record.</p> <p>PO Box may not be entered as data on the Practice Location Address line 1.</p> <p>Invalid Practice Location State for either an Entity Type 1 or 2 record.</p>

<b>Operation Indicator Code</b>	<b>01</b>
	<p>Invalid Practice Location Zip Code for either an Entity Type 1 or 2 record.</p> <p>Invalid Practice Location Zip Code format for either an Entity Type 1 or 2 record.</p> <p>Invalid Practice Location Country for either an Entity Type 1 or 2 record.</p> <p>Invalid Practice Location Phone Number for either an Entity Type 1 or 2 record.</p> <p>Invalid Practice Location Phone Number format for either an Entity Type 1 or 2 record</p> <p>Invalid Practice Location Fax Number for either an Entity Type 1 or 2 record.</p> <p>Invalid Practice Location Fax Number format for either an Entity Type 1 or 2 record.</p> <p>Invalid Other Identification Number State for either an Entity Type 1 or 2 record.</p> <p>Invalid Taxonomy for either an Entity Type 1 or 2 record.</p> <p>Invalid Taxonomy License/State combination for either an Entity Type 1 or 2 record.</p> <p>Invalid Contact Person Prefix for either an Entity Type 1 or 2 record.</p> <p>Invalid Contact Person Suffix for either an Entity Type 1 or 2 record.</p> <p>Invalid Contact Person Title for either an Entity Type 1 or 2 record.</p> <p>Invalid Contact Person Phone Number for either an Entity Type 1 or 2 record.</p> <p>Invalid Contact Person Phone Number format for either an Entity Type 1 or 2 record.</p> <p>Invalid Contact Person Fax Number for either an Entity Type 1 or 2 record.</p> <p>Invalid Contact Person Fax Number format for either an Entity Type 1 or 2 record</p> <p>Invalid Contact Person Email Address for either an Entity Type 1 or 2 record.</p> <p>Invalid Contact Person Email Address Confirmation for either an Entity Type 1 or 2 record.</p> <p>An EFI File with new applications include data in the NPI field.</p>
Action	Correct the record and resubmit it in a new EFI file.

<b>Operation Indicator Code</b>	<b>02</b>
Description	Required data is missing from the record.
Possible Causes	<p>Missing Entity Type.</p> <p>Missing provider first name for an Entity Type 1 record.</p> <p>Missing provider last name for an Entity Type 1 record.</p> <p>Missing Organization Name for an Entity Type 2 record.</p> <p>Missing SSN for an Entity Type 1 record.</p> <p>Missing EIN for an Entity Type 2 record.</p> <p>Missing Date of Birth for an Entity Type 1 record.</p>

---

**Operation Indicator Code**      **02**

---

Missing Country of Birth for an Entity Type 1 record.  
Missing Gender for an Entity Type 1 record.  
Missing Authorized Official First Name for an Entity Type 2 record.  
Missing Authorized Official Last Name for an Entity Type 2 record  
Missing Authorized Official Title for an Entity Type 2 record.  
Missing Authorized Official Phone Number for an Entity Type 2 record.  
Missing Mailing Address Line 1 for either an Entity Type 1 or 2 record.  
Missing Mailing Address City for either an Entity Type 1 or 2 record.  
Missing Mailing Address State for either an Entity Type 1 or 2 record.  
Missing Mailing Address Zip Code for either an Entity Type 1 or 2 record.  
Missing Mailing Address Country for either an Entity Type 1 or 2 record.  
Missing Mailing Address Foreign Province or Territory for either an Entity Type 1 or 2 record.  
Missing Practice Location Line 1 for either an Entity Type 1 or 2 record.  
Missing Practice Location City for either an Entity Type 1 or 2 record.  
Missing Practice Location State for either an Entity Type 1 or 2 record.  
Missing Practice Location Zip Code for either an Entity Type 1 or 2 record.  
Missing Practice Location Country for either an Entity Type 1 or 2 record.  
Missing Practice Location Phone Number for either an Entity Type 1 or 2 record.  
Missing Practice Location Foreign Province or Territory for either an Entity Type 1 or 2 record.  
Missing Other Identification Number Type for either an Entity Type 1 or 2 record.  
Missing Other Identification Number for either an Entity Type 1 or 2 record.  
Missing Other Identification Number State for either an Entity Type 1 or 2 record.  
Missing Other Identification Number Description for either an Entity Type 1 or 2 record.  
Missing Taxonomy for either an Entity Type 1 or 2 record.  
Missing Area of Specialization for either an Entity Type 1 or 2 record.  
Missing Taxonomy License and State for either an Entity Type 1 or 2 record.  
Missing Contact Person First Name for either an Entity Type 1 or 2 record.  
Missing Contact Person Last Name for either an Entity Type 1 or 2 record.  
Missing Contact Person Phone Number for either an Entity Type 1 or 2 record.  
Missing Contact Person Email Confirmation for either an Entity Type 1 or 2 record.  
An EFI file with change requests do not include the NPI for the existing record.  
An EFI File with change requests does not include the SSN in the record for an existing provider in the NPI System.

---

<b>Action</b>	Correct the record and resubmit it in a new EFI file
---------------	--

---

<b>Operation Indicator Code 03</b>	
Description	The record is an exact duplicate of an existing NPI record
Possible Causes	The identifying data on a new application record matches the data on an existing record in the NPI System.
Action	Notify the provider to determine whether the data is incorrect or if the provider has already obtained an NPI. If the data was incorrect, correct the record and resubmit it in a new EFI file.
<b>Operation Indicator Code 04</b>	
Description	Rejected by NPI Enumerator
Possible Causes	NPI Enumerator determined that the new application or change request was a duplicate of existing data.
Action	Contact the NPI Enumerator and/or the provider for further information.
<b>Operation Indicator Code 05</b>	
Description	Invalid taxonomy code (code provided does not exist in the NPI System)
Possible Causes	A new application or change request includes an invalid taxonomy code in the record.
Action	Correct the record and resubmit it in a new EFI file.
<b>Operation Indicator Code 06</b>	
Description	Taxonomy code mismatch (an organization taxonomy assigned to an individual provider)
Possible Causes	A new application or change request includes either an individual taxonomy assigned to an organization provider or an organization taxonomy assigned to an individual provider.
Action	Correct the record and resubmit it in a new EFI file.
<b>Operation Indicator Code 07</b>	
Description	SSA validation failed.
Possible Causes	A new application or change request contains SSN and/or date of birth information that does not match SSA's records.
Action	Correct the record and resubmit it in a new EFI file.

---

<b>Operation Indicator Code</b>	<b>08</b>
Description	Invalid data/codes on mailing address.
Possible Causes	Invalid Mailing Address code used for an Entity Type 1 or 2. Invalid military Mailing Address data used for an Entity Type 1 or 2. Invalid foreign Mailing Address data used for an Entity Type 1 or 2.
Action	Correct the record and resubmit it in a new EFI file.

---

<b>Operation Indicator Code</b>	<b>09</b>
Description	Invalid data/codes on practice location address
Possible Causes	Invalid Practice Location Address code used for an Entity Type 1 or 2. Invalid Practice Location Address line 1 data for an Entity Type 1 or 2. Invalid military Practice Location Address data used for an Entity Type 1 or 2. Invalid foreign Practice Location Address data used for an Entity Type 1 or 2.
Action	Correct the record and resubmit it in a new EFI file.

---

<b>Operation Indicator Code</b>	<b>10</b>
Description	NPI value on a update is not found in the database. Key field values in the EFI File is not found in the database. The corresponding NPI record in the NPI system is neither in active or change request status.
Possible Causes	The NPI value submitted in the EFI File does not match an NPI in the NPI System. The key field values in the EFI File does not match key field values in the NPI System. An action on the NPI record requires the record to be active or in change request status.
Action	Correct the record and resubmit it in a new EFI file.

---

<b>Operation Indicator Code</b>	<b>12</b>
Description	GateKeeper routines have flagged the record for NPI Enumerator review.
Possible Causes	NPI System processes have flagged the record for review by the NPI Enumerator.
Action	None

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<b>Operation Indicator Code</b>	<b>13</b>
Description	L/S/T edits have flagged the record for NPI Enumerator review
Possible Causes	NPI System processes have flagged the record for review by the NPI Enumerator
Action	None

<b>Operation Indicator Code</b>	<b>14</b>
Description	Duplicate records found within same file
Possible Causes	An EFI file with new applications contains the exact same data more than once for a provider.
Action	Correct the record and resubmit it in a new EFI file.

<b>Operation Indicator Code</b>	<b>15</b>
Description	Schema Validation Failed
Possible Causes	Uploaded file failed during xml schema validations
Action	Correct the record and resubmit it in a new EFI file.

# 11 National Provider Identifier (NPI) Application/Update Form

DEPARTMENT OF HEALTH AND HUMAN SERVICES  
CENTERS FOR MEDICARE & MEDICAID SERVICES

Form Approved  
OMB No. 0938-0031

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**NATIONAL PROVIDER IDENTIFIER (NPI) APPLICATION/UPDATE FORM**

Please PRINT or TYPE all information so it is legible. Do not use pencil. Failure to provide complete and accurate information may cause your application to be returned and delay processing of your application. In addition, you may experience problems being recognized by insurers if the records in their systems do not match the information you have furnished on this form.

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**SECTION 1 – BASIC INFORMATION**

**A. Reason For Submittal Of This Form** (Check the appropriate box)

1.  Initial Application  
 2.  Change of Information (See instructions)  
 NPI No. \_\_\_\_\_

3. Deactivation NPI No. \_\_\_\_\_  
 REASON (Check one of the following)  
 Death     Business Dissolved  
 Other \_\_\_\_\_

**B. Entity Type** (Check the appropriate box)

1.  An individual who renders health care. (Complete Sections 2A, 3, 4A and 5)  
 2.  An organization that renders health care. (Complete Sections 2B, 3, 4B and 5)

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**SECTION 2 – IDENTIFYING INFORMATION**

**A. Individuals**

1. Prefix (e.g., Major, Mrs.)	2. First	3. Middle	4. Last
5. Suffix (e.g., Jr., Sr.)		6. Credential (e.g., M.D., D.O.)	

Other Name Information (If applicable. Use additional sheets of paper if necessary)

7. Prefix (e.g., Major, Mrs.)	8. First	9. Middle	10. Last
11. Suffix (e.g., Jr., Sr.)		12. Credential (e.g., M.D., D.O.)	

13. Type of other Name  
 Former Name     Professional Name     Other (Describe) \_\_\_\_\_

14. Date of Birth (mm/dd/yyyy)	15. State of Birth (U.S. only)	16. Country of Birth (if other than U.S.)
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17. Gender  
 Male     Female

18. Social Security Number (SSN)	19. IRS Individual Taxpayer Identification Number
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**B. Organizations and Groups**

1. Name (Legal Business Name)	2. Employer Identification Number (EIN) or SSN
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3. Other Name (Use additional sheets of paper if necessary)

4. Type of Other Name  
 Former Legal Business Name     D/B/A Name     Other (Describe) \_\_\_\_\_

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**PENALTIES FOR FALSIFYING INFORMATION ON THE  
NATIONAL PROVIDER IDENTIFIER (NPI) APPLICATION/UPDATE FORM**

18 U.S.C. 1001 authorizes criminal penalties against an individual who in any matter within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals or covers up by any trick, scheme or device a material fact, or makes any false, fictitious or fraudulent statements or representations, or makes any false writing or document knowing the same to contain any false, fictitious or fraudulent statement or entry. Individual offenders are subject to fines of up to \$250,000 and imprisonment for up to 5 years. Offenders that are organizations are subject to fines of up to \$500,000. 18 U.S.C. 3571(d) also authorizes fines of up to twice the gross gain derived by the offender if it is greater than the amount specifically authorized by the sentencing statute.

**SECTION 4 – CERTIFICATION STATEMENT**

I, the undersigned, certify to the following:

- This form is being completed by, or on behalf of, a health care provider as defined at 45 CFR 160.103.
- I have read the contents of the application and the information contained herein is true, correct and complete. If I become aware that any information in this application is not true, correct, or complete, I agree to notify the NPI Enumerator of this fact immediately.
- I authorize the NPI Enumerator to verify the information contained herein. I agree to notify the NPI Enumerator of any changes in this form within 30 days of the effective date of the change.
- I have read and understand the Penalties for Falsifying Information on the NPI Application/Update Form as printed in this application. I am aware that falsifying information will result in fines and/or imprisonment.

**A. Individual Practitioner's Signature**

1. Applicant's Signature (First, Middle, Last, Jr., Sr., M.D., D.O., etc.)	2. Date (mm/dd/yyyy)
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**B. Authorized Official's Information and Signature for the Organization**

1. Prefix (e.g., Major, Mrs.)	2. First	3. Middle	4. Last
5. Suffix (e.g., Jr., Sr.)		6. Credential (e.g., M.D., D.O.)	
7. Title/Position		8. Telephone Number (Area Code & Extension)	
9. Authorized Official's Signature (First, Middle, Last, Jr., Sr., M.D., D.O., etc.)		10. Date (mm/dd/yyyy)	

**SECTION 5 – CONTACT PERSON**

**A. Contact Person's Information**

Check here if you are the same person identified in 2A or 4B.  
If you checked the box, complete only item 8, e-mail address in this section (Section 5).

1. Prefix (e.g., Major, Mrs.)	2. First	3. Middle	4. Last
5. Suffix (e.g., Jr., Sr.)		6. Credential (e.g., M.D., D.O.)	
7. Title/Position		8. E-Mail Address	9. Telephone Number

**For the most efficient and fast receipt of your NPI, please use the web-based NPI process at the following address: <https://nppes.cms.hhs.gov>. NPI web is a quick and easy way for you to get your NPI.**

**Or send the completed application to: NPI Enumerator  
P.O. Box 6059  
 Fargo, ND 58108-6059**

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0938-0091. The time required to complete this information collection is estimated to average 20 minutes per response for new applications and 10 minutes for changes, including the time to review instructions, search existing data resources, gather the data needed, and complete and review the information collection. If you have any comments concerning the accuracy of the time estimate or suggestions for improving this form, please write to: CMS, Attn: Reports Clearance Officer, 7500 Security Boulevard, Baltimore, Maryland 21244-1850. Do not send the applications to this address.